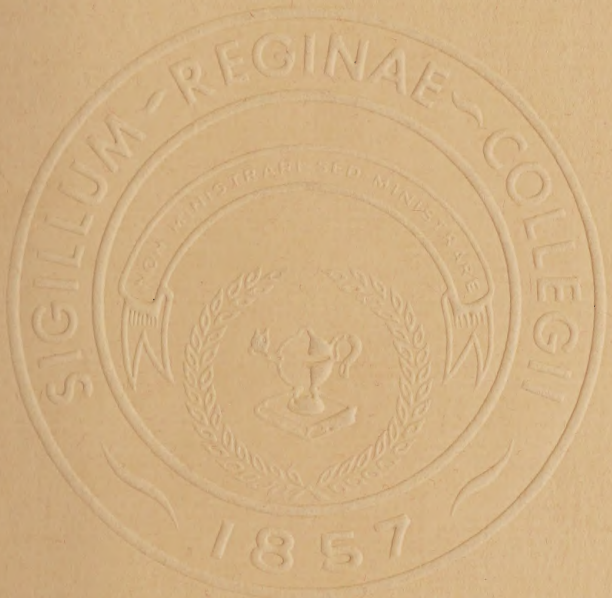

QUEENS COLLEGE BULLETIN
CATALOGUE ISSUE 1969-70

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Queens College, Charlotte, North Carolina

Published quarterly by Queens College
Volume 47, Number 3, summer 1969. Second-class postage paid at Charlotte, North Carolina

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1

GENERAL INFORMATION

THE COLLEGE

Queens is a church-related liberal arts college for women. It is located in Charlotte, North Carolina, and is accredited by the Southern Association of Schools and Colleges and the National Association of Schools of Music.

History Queens was founded in 1857 as the Charlotte Female Institute, then located on College Street near the center of the city. For five years after 1891 it was called the Seminary for Girls, and upon affiliation with the Presbyterian Church in the United States in 1896, was known as the Presbyterian College for Women. In 1912, anticipating the move to its present campus in the Myers Park residential area in 1914, it became Queens College.

That name revived pre-Revolutionary traditions, for in 1771 a group of North Carolina colonists sought a royal charter for Queens College to be located in the town of Charlotte which was named for the British queen, Charlotte of Mecklenburg. George III refused the petition, doubting the wisdom of creating an institution to perpetuate non-conformist views favored by the Scotch-Irish Presbyterians who had settled in the Piedmont. A school was chartered in 1773, however, under the unusual title of Queens Museum. During the Revolution it sympathized with the colonial cause and became known as the Liberty Hall Academy. The academy's post-Revolutionary history is sketchy, but in 1821 the Male and Female Academy Corporation was chartered to operate the Liberty Male Academy, the precursor of Davidson College, and the Charlotte Female Academy, the precursor of the Charlotte Female Institute.

Since 1930, when Queens merged with Chicora College of Columbia, South Carolina, it has been related to the Presbyterian Synods of North Carolina and South Carolina. Each synod supports the college and elects a portion of its Board

of Trustees. The board, composed of business, professional, and religious leaders from the two Carolinas and beyond, holds title to the college and is responsible for Queens' total program.

Presidents

Robert Burwell
1857-1872
Robert Hett Chapman
1872-1875
Stephen Taylor Martin
1875-1878
William Robert Atkinson
1878-1891
Lily W. Long
1891-1899
James R. Bridges
1899-1911
John Livy Caldwell
1911-1916
James R. Bridges
Acting, 1916-1917
Henry Clay Evans
1917-1918
William Anderson
Acting, 1918-1921
William Henry Frazer
1921-1939
Hunter Bryson Blakely
1939-1950
McAlister Carson
Acting, 1950-1951
Charlton Coney Jernigan
1951-1953
Herschel Hill Everett
Acting, 1953-1954
Edwin Ruthven Walker
1954-1965
Edwin Ruthven Walker
Acting, 1965-1967
John Edwin Smylie
1967-

Purpose

As a church-related, liberal arts, woman's college located in a growing metropolitan community, Queens offers unique educational opportunities.

Queens understands the liberally educated person to be one who possesses the skills of learning, thought, communication, and judgment; seeks the rewards of self-discipline in a free society; and is engaged in a life-long pursuit of personal, social, cultural, and religious goals.

The Queens program seeks to develop these skills in a free educational and social context which supports personal discipline within a community characterized by scholarship and public service. The flexible course of study requires each student to develop a personal program to fulfill her aspirations, while at the same time assuring her contact with the major

areas of the liberal arts curriculum, and requiring knowledge of one area in sufficient depth to provide confidence in its methods and literature. The baccalaureate degree recognizes the accomplishments of collegiate study, but it also distinguishes its holder as one of whom much is expected.

By pursuing its historic role, Queens serves the need of American higher education for specialized colleges which meet varied student preferences, particularly in the preparation of women for the full opportunities open to them in American society. Its students enjoy the benefits inherent in a college where opportunities for scholarship and leadership training are concentrated upon women. Queens' academic and co-curricular programs seek to develop the potential abilities of each student, not merely for her personal satisfaction but also for the benefit of society.

Queens claims a religious tradition which supports free scholarship and the development of the human intellect as necessary and essential religious obligations. It fosters Christian ideals by providing systematic study of religious literature and history, and programs for worship, service, and nurture. It seeks students from diverse religious backgrounds and encourages voluntary personal religious commitment and responsible participation in denominational life.

Queens is located in a growing metropolitan community in which the college and the city enrich and serve each other. Charlotte's educational and cultural wealth multiplies the human and physical resources available to Queens students, and the city furnishes a ready-made laboratory for social sciences and public service. Its growing needs challenge Queens to assist in resolving significant urban problems.

Cooperative Programs

While stressing its unique purposes, Queens participates in several inter-institutional associations which enlarge and diversify the opportunities available to its students.

Through the Charlotte Area Educational Consortium, composed of nine public and private institutions, Queens engages in student and faculty exchange programs which permit maximum use of the community's educational resources.

As a member of the North Carolina Computer Orientation Program, Queens provides its students and faculty with the computer resources of the Triangle Universities Computer Center by direct teletype connection.

The Piedmont University Center, with which Queens is affiliated, coordinates the activities of twenty colleges and universities in North Carolina in providing visiting artists and scholars, support for faculty research, audio-visual resources, and administrative-faculty planning.

THE CAMPUS

Queens College is located on a large wooded campus in the Myers Park area of Charlotte and is bounded by Selwyn, Radcliffe, and Wellesley Avenues. The Georgian buildings constructed in 1914 when the college was moved to this site have been extensively remodeled and continue in use. Their architectural motif of red brick with white trim has been incorporated in the more modern buildings.

Burwell Hall Burwell Hall, 1914, is the focal point of the campus facing Selwyn Avenue. The building, in addition to housing the administrative offices, has parlors which serve as a spacious reception area for guests and social events. Robert Burwell served as president of the Charlotte Female Institute from 1857 to 1872; and his wife, Margaret Anna Burwell, was teacher and principal.

Everett Library Everett Library, 1960, is the center of the campus facing Radcliffe Avenue. It honors Herschel Hill Everett and his wife, Cornelia Nisbet Everett. Mr. Everett, a trustee, has served as acting president, 1953-1954; and chairman of the board, 1952-1967. The library houses the present collection of 61,000 volumes and has a potential capacity for 200,000. It is an open stack library with conference rooms, lounges, student and faculty carrels, and microfilm equipment. The large mosaic tile mural on the facade depicts the areas of knowledge available within the liberal arts college.

Belk Chapel Belk Chapel, 1950, was a gift made to Queens by the families and associates of William Henry Belk and Dr. John M. Belk, in their honor. Greek revival in architecture, it is equipped with a 39 rank organ, seats 750, and is used for weekly chapel services.

E. H. Little Fine Arts Center The E. H. Little Fine Arts Center, 1966, contains the Suzanne Trezevant Little Recital Hall, the Charles A. Dana Auditorium, studios, practice rooms, and classrooms for music and drama. Convocations, concerts, recitals, plays, and lectures

are scheduled in the auditorium, which seats 1,000. Major donors of this facility were E. H. Little and Charles A. Dana.

Dana Classroom Building The Dana Classroom Building, 1961, honors Charles A. Dana, a generous benefactor of Queens College, and contains a large lecture hall, a language laboratory, classrooms, and seminar offices designed for small, informal classes.

Walker Science Building The Walker Science Building, 1966, with its laboratories, classrooms, and research facilities for biology, chemistry, and physics, honors Dr. and Mrs. Edwin R. Walker. He is Queens' former president and chancellor.

McEwen Hall McEwen Hall, 1914, was renovated in 1967 to provide 20 spacious classrooms and a number of faculty offices. It is named for Dr. Mildred Morse McEwen, alumna and a member of the Queens faculty since 1924.

Morrison Hall Morrison Hall, 1927, is named for its donor, Mrs. Cameron Morrison, and includes a large dining hall, kitchen, auxiliary rooms, and dormitory facilities.

Jernigan Student Center Jernigan Student Center, 1914, was completely renovated in 1963. It comprises the post office, bookstore, snack shop, lounges, and offices for student government and student publications. Charlton Coney Jernigan was president of Queens from 1951 to 1953.

Ovens Physical Education Building Ovens Physical Education Building, 1954, includes a large gymnasium, classrooms, a dance studio, and an Olympic-size swimming pool. David Ovens, business executive and merchant, was a Queens trustee and benefactor.

Carol Hall Carol Hall, 1957, was the gift of Irwin Belk, Queens trustee, and is named in honor of his wife, Carol Grotnes Belk. Located on Queens Road, this handsome private home was remodeled and now houses the art department and exhibition galleries.

Tillett, Blair, Stultz Buildings Three other academic buildings are called Tillett, Blair, and Stultz. They are respectively named for Miss Laura A. Tillett, emeritus professor of English; Dr. Elizabeth H. Blair,

former dean of instruction; and Mr. and Mrs. W. Z. Stultz, donors.

Irwin-McKay Infirmary

The Irwin-McKay Infirmary, 1958, was the gift of Thomas M. Belk and his wife, Katherine McKay Belk, honoring Dr. John R. Irwin, Dr. Hamilton W. McKay, and Dr. Henderson Irwin. It provides 12 hospital beds, rooms for consultations and treatment, and quarters for resident nurses.

Residence Halls

Queens' residence halls provide for 800 students and for resident counselors.

Long and Watkins, 1914, house 72 students each, and are named for Miss Lily W. Long, who served the college for half a century and was herself president from 1891 to 1899; and for Miss Mildred C. Watkins, member of the faculty from 1895 to 1909.

Belk, 1954, (88 students), honors the late Mrs. William Henry Belk, alumna, trustee, and benefactor; it was a gift to Queens from Mrs. Belk's children.

Harris, 1960, (140 students), honors James J. Harris, vice-chairman of the Board of Trustees, and his wife, Angelia Morrison Harris.

Wallace, 1962, (108 students), honors Mr. and Mrs. J. M. Wallace and family. Mrs. Wallace was an alumna, and J. Mason Wallace, Jr., is a college trustee.

Albright, 1964, (142 students), is named in honor of Miss Thelma Albright, formerly dean of students, and a long time faculty member at Queens.

Barnhardt, 1965, (142 students), honors Mr. and Mrs. William H. Barnhardt; Mr. Barnhardt is a member of the Board of Trustees.

Other Buildings

The campus includes three duplex lodges for sororities, a continuing education building, a power plant, and maintenance shops. Several college residences are adjacent to the campus.

STUDENT LIFE

Queens College is aware that a major part of a student's education takes place outside the classroom in day-to-day living experiences and campus activities. Through group participation and interaction the student comes to know herself as an individual, to realize her potential, and to be a creative member of the college community. To stimulate this process the college seeks a diversified student body representing varied religious, racial, economic, and geographic backgrounds, academic ability, and interests. It also encourages student initiative and responsibility through student government, the honor system, organizations, and activities, and social and special events.

Student Government

Queens considers experience in self-government essential to the development of student freedom and responsibility. The stated purpose of the Student Government Association is: to foster self-government, to administer rules of government, to enact legislation governing student life, and to carry out the program of student activities.

Every student is a member of the Student Government Association and is expected to uphold the regulations and standards of this governing body.

Honor System

Each Queens student commits herself to responsible membership in a community which places high value on mutual trust and honor. The Honor System provides the basis for all college regulations. Its three fundamental principles are: that a student shall be truthful; shall respect the property of others; and be honest on tests, examinations, term papers, and all work assigned by teachers.

Religious Life

Queens College is related to the Presbyterian Church in the United States and seeks to develop a sense of religious concern as a vital part of personal growth. There are weekly chapel services; vesper programs; dormitory devotions; and lectures in theology. Queens Christian Association sponsors

Faculty Firesides and a coffeehouse which afford students and faculty an opportunity to discuss informally issues of vital concern.

Social Life

Queens students enjoy a well-balanced social life. The Student Government Association, the Recreation Association, and the sororities plan numerous campus activities including weekend events, sports competitions, dances, and special occasions arranged with nearby colleges for men.

The location of the college allows students to share the learning resources and cultural advantages of a metropolitan area. Through special arrangements with local organizations, students attend symphony concerts, operas, and dramatic presentations as a part of their college program.

Honors and Awards

Students who exhibit outstanding qualities of leadership and scholarship receive recognition through a number of honors and special awards. In addition to membership in the campus honorary organizations, there are the special scholastic honors of Dean's List, Commencement Marshals, and graduation with honors. Each year approximately 15 seniors are named to *Who's Who Among Students in American Universities and Colleges*. One member of each graduating class receives the Algernon Sydney Sullivan Award in recognition of her service to others. Numerous campus groups give awards at the annual Awards Day convocation.

Lectures, Concerts, and Special Events

Lectures, concerts, recitals, films, exhibits, and special events enrich the program at Queens. The Public Events Committee schedules a balanced series of lectures and visiting artists each semester. Guest speakers often spend several days on campus for formal lectures, class visits, and informal meetings with students. Faculty recitals are a regular part of the college music program.

Traditional events such as the Boar's Head Christmas Dinner, the Yule Log Ceremony, Parents Weekend, Dolphin Club Water Show, and May Day highlight the year.

Programs sponsored by off-campus groups are frequently scheduled at Queens and are open to students.

Guest Lecturers 1968-69

Norman St. John-Stevas, member of the British Parliament, Danforth lecturer

Mary Godwin, Shakespearean actress

George L. Mosse, Bascom professor of history, University of Wisconsin, visiting lecturer, Piedmont University Center

Nathan A. Scott, Jr., professor, Divinity School, University of Chicago

Carlyle Marney, director, Interpreters' House, Lake Junaluska, North Carolina

Jeanne R. Lowe, Urban Affairs editor of McCall's Magazine and Special Consultant on Urban Affairs, Saturday Review

Robert C. Weaver, president of Bernard M. Baruch College, and former Secretary of Housing and Urban Development

Howard Moody, minister of the Judson Memorial Church, Greenwich Village, New York City

Murdo Ewen Macdonald, professor of practical theology and secretary to the Board of Practical Training, Trinity College, Lynedoch Place, Glasgow, Scotland

Morris Kline, professor of mathematics, New York University, visiting lecturer from Piedmont University Center

Visiting Artists 1968-69

Henry L. Scott, piano humorist

Martin Neary, organist from London, England, parish church of the House of Commons

The Erick-Hawkins Dance Company

Clarion Wind Quintet, artists-in-residence, North Carolina School of the Arts

Pomponio and Zarate, duo-guitarists

Princeton Chamber Orchestra, with Janice Harsanyi, soloist

Yat Lam Hong, pianist

Tony Montanaro, mime

University of North Carolina Men's Glee Club

Harvard Men's Glee Club

2

THE ACADEMIC PROGRAM

ADMISSIONS

Queens seeks students from differing cultural, economic, racial, religious, and geographical backgrounds, and encourages qualified high school graduates to apply for admission. In evaluating an application, the Committee on Student Qualifications considers the quality and amount of college preparatory work, test scores, recommendations concerning the applicant's character and personality, and the student's own stated objectives.

Admissions counselors visit many secondary schools during the year and are often available for conferences with prospective students and their parents.

Alumnae admissions representatives are prepared to talk with students in their geographic areas.

Subject Preparation

Students expecting to attend Queens College should take a strong academic high school program leading to a secondary school diploma and including 16 units of college preparatory subjects. Well-qualified students with fewer than 16 academic units are given consideration.

The college requires for admission: English (4 units), algebra (2 units), and geometry (1 unit). Other academic courses should be selected from the natural sciences, foreign languages, history, and additional courses in mathematics or literature. Queens prefers that the applicant take as many years of one foreign language as her school offers.

Test Requirements

Queens requires all applicants to take the Scholastic Aptitude Test (SAT) and the English Composition Achievement Test during their senior year, unless admitted under the Early Decision Plan. Although these tests are required for admission, it is not necessary for the applicant to have taken them at the time she applies.

It is recommended that the applicant also take a foreign language achievement test and one other achievement test in an area of her choice. The results of these additional achievement

tests will be used for purposes of academic advising and placement after the student is offered admission and arrives on the campus. Applicants wishing to take these tests should register with the College Entrance Examination Board one month before the announced examination date. Further information may be obtained from high school counselors or principals or the College Entrance Examination Board, Box 592, Princeton, New Jersey 08540; or Box 1025, Berkeley, California 94701.

Entrance Procedures

These procedures are to be followed by all students applying for admission:

1. An application for admission may be obtained from the admissions office or from an admissions counselor. The applicant should read carefully the directions on this form and complete and return to the admissions office the sections of the application for which she is responsible. The completed sections and the non-refundable $15 fee should be sent to the college in the fall of her senior year of high school and no later than February 15 of the year of expected entrance. An applicant desiring scholarship or loan assistance should indicate her need when applying. Further details regarding financial aid are explained in this catalogue in the section on financial information.

2. The section of the application, requesting the applicant's secondary school record, should be given to the applicant's high school guidance counselor. After supplying the necessary information, the counselor should send the record directly to the admissions office of Queens College.

3. The applicant should request the College Entrance Examination Board to send the results of her tests to Queens College.

4. The Committee on Student Qualifications will review each applicant's credentials, and a decision will be given by April 15.

5. Following notification of acceptance, the applicant is required to make an initial deposit of $150 ($50 for commuting students) to reserve a place in the entering class. This deposit should be sent to the college as soon as possible and no later

than May 1. It is credited to the total fees for the year and is non-refundable.

6. Housing and health forms, which should be completed and returned to the college, will be mailed to the applicant with the notification of acceptance. Both forms should be returned to the college by July 15.

7. Admission to Queens College is contingent upon receipt of a satisfactory health report following notification of acceptance and the satisfactory continuation of the applicant's citizenship and academic work through the completion of the school year. Applicants undergoing psychiatric care or psychological counseling at the time of matriculation will not be permitted to enroll at Queens.

8. An applicant should promptly report any change of address, transfer to another secondary school, or intention to withdraw her application.

9. Detailed information will be sent during the summer prior to entrance concerning rooms, orientation, and the date of arrival on campus.

Early Decision Plan

Queens participates in the Uniform Early Decision Plan. The plan is designed to reduce the necessity for well qualified students to file multiple applications and to reduce anxiety regarding acceptance by the college of their first choice.

Applicants using the Early Decision Plan must take the SAT and English Composition Achievement Tests of the College Entrance Examination Board prior to their senior year. It is recommended that the SAT be taken in March and the English Composition Achievement Test in May of their junior year.

Provisions of Early Decision Plan

1. The student agrees to apply only to Queens College until a decision is reached under the Early Decision Plan.

2. The student agrees to submit to Queens College by October 15 her application for admission and for financial aid (if it is needed).

3. The college agrees to render a decision on admission and financial aid, if aid is requested, by December 1.

4. If accepted by Queens, the student agrees to notify the college by December 15 of her decision regarding matriculation and to make the $150 initial deposit.

5. If a specific decision of acceptance or rejection is not made by December 1, the college agrees to notify the candidate that her application will be guaranteed unbiased consideration under Queens College's regular admission plan and agrees to free the candidate to apply to other colleges.

6. The college agrees not to require the accepted candidate to take further admissions tests if she commits herself to matriculate and makes her deposit.

Campus Visits

Although a personal interview is not required, Queens encourages the prospective student and her parents to visit the campus. The admissions office is open Monday through Friday from 8:30 a.m. until 5:00 p.m. throughout the year, and on Saturdays from 9:00 a.m. until 12:00 noon from September through May. Candidates should write or phone (704-332-7121 Ext. 212) for an appointment.

Advanced Placement

Queens participates in the Advanced Placement program of the College Entrance Examination Board. A student may request advanced placement with college credit based on the completion of high school advanced placement courses and/or the Advanced Placement Examinations. An achievement score of four or five and specific recommendation for college credit by the secondary school are required before the request is considered.

Transfers from Other Colleges

Transfer applicants must have a good scholastic record in the college from which they wish to transfer and must present transcripts of all college work, credits earned in secondary schools, and a statement of good standing from the colleges attended. Credit will be transferred for those courses in which the student has made a grade of C or higher.

The transfer student should use the same entrance procedures as the first year student. These procedures are outlined earlier in this section.

Readmission of Former Students

A student who has withdrawn in good standing and who subsequently wishes to return to the college must apply for readmission. To do so she should write a letter to the dean of the college stating her reasons for wishing to return and enclosing transcripts of all work undertaken at other institutions.

Additional information will be requested as needed. The Committee on Student Qualifications will consider the former student's request and notify her of its decision.

Special Student Status

The college admits as special students commuting students who are not candidates for a degree. In general, these students must meet the usual admission requirements. For specific details, applicants should confer with the director of admissions.

Teacher Certification

Persons with bachelor degrees seeking teacher certification are expected to complete at least 12 credits of work at Queens before registering for student teaching (Education 442, 444).

Orientation

Prior to fall registration there is an orientation program at which attendance is required of all new students. This program acquaints students with the academic and social phases of college life, and introduces them to the community in which they will live for four years. Freshmen meet their academic advisors, roommates, and upper-class student advisors and visit points of interest in the city of Charlotte.

DEGREE REQUIREMENTS

Degree Programs

Queens College offers two degree programs: the bachelor of arts and the bachelor of music. Areas of concentration for the bachelor of arts include art, biochemistry, biology, chemistry, economics, French, German, history, Latin-American studies, literature, mathematics, music, philosophy, physics, political science, psychology, religion, Russian studies, sociology and Spanish. Through elective courses the student can also qualify for elementary or secondary teacher certification.

The bachelor of music degree offers concentration in applied music (piano, voice, organ, strings, or other instruments), in music education for teacher certification, and in piano pedagogy.

Degree Requirements

Required for graduation is a minimum of 120 semester hours in academic courses with a cumulative quality point average of 1.000 in all work taken at Queens College and in all work in the chosen field of concentration. Also required is a minimum of four credit hours in physical education. At least 42 semester hours must be in courses of the 300 level or higher. Every degree candidate must complete at least 30 hours of her academic program at Queens College, and must be in attendance at the college during the last two regular semesters prior to the date of her graduation.

Though the college makes every effort to counsel the student in planning a program and selecting courses of study, the student is finally responsible for fulfilling all requirements for a degree.

Educational Program

The educational program leading to a degree is composed of four interrelated parts: a field of concentration; a program of distributed requirements; a program of elective hours; and a program of physical education.

Field of Concentration

The purpose of a field of concentration is twofold: to give the student the opportunity to go far enough into a field to achieve some mastery of it; and to enable her to acquire knowledge,

skills, and attitudes which may help make her effective in her vocation. By the end of the sophomore year each student will select a field of concentration. For some fields it is best to begin work during the freshman year, while for others it is possible or recommended to start as a sophomore. For the pattern of concentration in each field, see the departmental listings.

Distributed Requirements

The distributed requirements, totaling 35 to 47 hours, assist the student in developing a program of study which will be widely representative of liberal arts studies. With few exceptions these courses may be taken at any time during the student's years of attendance.

Area		Semester Hours
I.	Concepts in Communication During the freshman year	8
*II.	French, German, Russian, Spanish, or other foreign language Basic proficiency in any one equivalent to 202 level	0 to 12
**III.	History, philosophy, religion From any two	6
IV.	Physics, chemistry, biology, mathematics From any three	9
V.	Economics, political science, psychology, sociology From any two	6
VI.	Art, music, literature (in English or in a foreign language) From any two	6

*Not required of candidates for the bachelor of music degree in music education.

**Candidates for the bachelor of music degree in music education must take six hours in history.

Bachelor of Arts

A major concentration for the bachelor of arts degree shall consist of no fewer than 30 semester hours; and no more than 40 hours in the major department shall be required for the concentration. A student may, however, at her own initiative take more than 40 hours in the department of her major. Specific requirements in areas of concentration are stated in each department heading in the course descriptions.

Bachelor of Music

In the bachelor of music program, the concentration consists of no less than 73 hours in music under the applied music concentration; no less than 70 hours in music under the piano pedagogy concentration; under the music education concentration at least 50 semester hours are in music and enough additional work in applied music to fulfill the requirements of both a major and a minor performance area. Specific details of these requirements are found in the department of music course listings.

Elective Hours

In consultation with her faculty advisor the student chooses elective hours to complete the hours required for graduation. Electives give an opportunity to explore new fields and to gain further breadth or more depth in non-major areas. They also afford an opportunity to study in fields which directly support the program of concentration.

Physical Education

All candidates for the bachelor of arts and bachelor of music degrees must complete four credit hours in physical education with a grade of S (satisfactory). One credit hour is given for each semester of participation. These four courses must be taken by the end of the junior year.

Students requesting exemption from physical education activities for medical reasons must make such requests through the college physician. Chronic conditions which would warrant exemption are to be noted on the student's annual medical examination forms for review by the college physician.

ACADEMIC REGULATIONS

Registration

Students are expected to register for course work at the time specified each semester. Registration after the scheduled time subjects the student to a $15 fee. No registrations are permitted after the first week of classes.

A student may change her registration prior to the Friday of the first week of classes. Any change thereafter is considered a withdrawal. The class-change fee is $3 for each class dropped, as well as for each class added.

Semester Load

A semester hour represents one hour of recitation or lecture or two or more hours of laboratory or studio per week for one semester.

The normal student load for freshmen is from 13 to 17 semester hours. Some entering students may find it advisable to take fewer hours during the first year and should consult their advisors.

The normal student load for upperclassmen is 15 semester hours. Under certain circumstances the dean of the college may allow a program of as few as 12 hours. Any student wishing to take more than the 17 hour maximum must obtain permission from the dean of the college.

Grades and Quality Points

Graduation requirements are based on both the quantity and quality of the student's work. Queens uses the following system of grades and quality-point value per semester hour:

Grade	Interpretation	Quality-Point Value
A	Superior	3
B	Good	2
C	Satisfactory	1
D	Poor	0
F	Failing	-1
WF	Withdrew Failing	-1
WP	Withdrew Passing	no effect on quality points
E	Conditional Failure	becomes D or F after reexamination
I	Incomplete Work	may become A to F upon completion

Grades in physical education are S (satisfactory) or U (unsatisfactory).

A grade of E or I automatically becomes F if the student fails to take or pass a reexamination or fails to make up incomplete work satisfactorily. These grades must be removed by the end of the first full week of regular classes of the next semester.

Grade reports are sent to parents or guardians at the end of each semester. Mid-semester reports are issued to indicate special difficulties in course work. Only semester grades are permanently recorded.

Pass/No Record

During the junior and senior years a student may enroll on an ungraded basis (Pass/No Record) in one course each semester. The course is selected at the time of registration. It must be outside the student's area of concentration and taken as an elective. The student is to meet all the regular requirements of the course. If the student passes the course, she receives credit for the regular number of semester hours with a grade of P (Pass). There is no effect on the quality point average. No notation is made on the student's permanent record if the course is not passed.

Class Standing

Students following a degree program and carrying the required semester load are granted class standing according to their semester hours and quality points.

	Minimum Semester Hours	Minimum Quality Points
Sophomore	24	18
Junior	54	48
Senior	90	84

Students who are non-resident and who are carrying fewer than 12 semester hours are ranked as *part-time.*

Non-resident students who have not advanced to the next class standing and who are carrying fewer than 12 semester hours are ranked as *special.*

Academic Standards

While Queens makes every effort to encourage students and to assist those in difficulty, it is unfair to the student and to

the college to retain anyone who fails to make reasonable progress.

Eligibility to Continue

To remain at Queens a student must pass 18 semester hours of work during a session with a quality point average as follows: .500 to return the second year; .800 to return the third year; and .900 to return the fourth year. The Student Qualifications Committee reviews each case of academic difficulty and determines the student's eligibility status.

Probation

A student who does not maintain a satisfactory scholastic standing may be placed on academic probation. If she does not show improvement and fails to meet the scholastic standard, she may be asked to withdraw from the college.

Eligibility to Represent the College

Students who maintain a quality point average of 1.000 or more the preceding semester are eligible to represent the college in off-campus extracurricular activities and to hold campus offices during the current semester.

Eligibility is also dependent upon fulfillment of attendance requirements. Students on probation are not eligible to represent the college.

Attendance Policies

Class attendance policies are set by the individual faculty member for his own courses. The faculty member announces the policy he intends to apply in each particular course. Attendance at all-college convocations and assemblies is required.

All candidates for degrees are required to be present for commencement and for the commencement rehearsal.

Examinations

The student's work is evaluated periodically. At the end of each semester, evaluations—normally by written examination—are made in all courses. Final written examinations are generally between two and three hours long. The schedule for final examinations is established by the registrar. Permission to change an examination schedule or to make up an examination must be granted by the dean of the college.

Withdrawal from a Course

A student must obtain permission from the dean of the college to discontinue a course. If she withdraws following the first class after mid-term, she will receive an F in the course. Prior to this time she may receive a grade of WP (withdrawn passing) or WF (withdrawn failing), depending on her course average at withdrawal.

Withdrawal from College

A student wishing to withdraw from the college before the end of the semester must notify the dean of the college in order to maintain good standing. Grades are recorded WP if at the date of withdrawal the work has been passed. Such a mark does not affect quality points already earned. If the work has not been passing, a mark of WF is recorded and one quality point is deducted for each semester hour. If the student does not obtain permission to withdraw, all grades are recorded as F.

The college reserves the right to require at any time the withdrawal of a student whose conduct or academic work is not considered satisfactory.

Auditing Courses

A regular student carrying a load of 15 semester hours for credit and with a B average may, with the consent of the dean of the college and at the request of the instructor, audit a course. An auditor is expected to attend classes regularly.

Summer School Credits

Transfer to Queens College of credits earned in summer sessions at other accredited colleges or universities will be approved if the courses taken are comparable to courses offered at Queens. Responsibility for insuring that the courses are comparable rests with the student. Faculty advisors and the dean of the college are available for consultation on the planning of summer work.

Approved summer courses taken at other institutions and carrying a grade of C or higher may be counted toward the 120 semester hours required for graduation. In calculating a student's quality point average for graduation, only the semester hours and quality points earned at Queens are counted. All summer work in the field of concentration must be approved in advance by the department head or the dean of the college.

COURSES OF INSTRUCTION

Departmental Listing

Departmental listings give general information concerning each department and the requirements for concentration in that department. These requirements should be carefully noted by students when deciding on an area of concentration.

Course Numbers

Course numbers indicate the level of difficulty of the course. Courses numbered 100-299 are primarily for freshmen and sophomores; those numbered 300-499 are primarily for juniors and seniors.

Courses at the 100 level are ordinarily not open to seniors.

Hyphenated numbers (e. g. 101-102) designate two-term courses for which credit is not granted until the second term has been completed.

Double numbers separated by a comma (e. g. 301, 302) indicate that the completion of both courses forms a desirable unit but credit may be received for one without the other. Occasionally the first course is a prerequisite to the second.

Semester Hours Credit

Semester hours of credit are noted with the course description. Unless otherwise indicated, a course carrying three semester hours of credit meets for three 50-minute periods (or for two 70-minute periods) per week; a course carrying two semester hours of credit meets for two 50-minute periods per week.

ART

Professor George A. Shealy; Assistant Professor Adams; Assistant Professor Gebhardt; Assistant Professor Griffiss; Assistant Professor Thomas F. Mason; Assistant Professor McClanahan.

The art department presents a comprehensive survey of the historical development of the visual arts and a variety of studio problems to develop the abilities of its students. Courses are designed to assist in the evolvement of standards of appreciation and of application of the plastic arts to promote professional competence and intellectual growth. The curriculum provides a fundamental basis for teaching, graduate study, or careers in art.

Concentration Art 105, 106, 211, 212, 231, 232, 303, 460 and at least nine semester hours from courses numbered 300 and above, as approved by the major advisor.

Distributed Requirements The following courses will meet the distributed requirements, Area VI: Art 100, 211, 212, 307, 308.

100 INTRODUCTION TO ART (3)

Exploration of the expressive means employed by the painter, sculptor, and architect to develop an appreciative attitude and a critical approach to art.

MISS GRIFFISS, MR. MASON, MR. SHEALY Both Semesters

105, 106 ART STRUCTURE (3, 3)

Instruction in beginning drawing in various media; special emphasis on techniques and basic elements of composition.

MR. MCCLANAHAN 105 First Semester
106 Second Semester

Studio Fee: $15
Six hours studio a week

211 ANCIENT AND MEDIEVAL ART (3)

Survey of stylistic developments in architecture, sculpture, painting, and the minor arts of the Mediterranean and Euro-

pean countries from pre-historic times to approximately 1400 A.D.

DR. ADAMS — First Semester

212 RENAISSANCE ART TO THE PRESENT TIME (3)

Survey of stylistic developments in architecture, sculpture, painting, and the minor arts of Europe and America from approximately 1400 to the present day.

DR. ADAMS — Second Semester

Prerequisite: Art 211 or permission of the instructor

213 METHODS IN ART EDUCATION (2)

Exploration of drawing, design, color, and materials and their application to problems in art for elementary or secondary school pupils.

MR. MCCLANAHAN — Both Semesters

Studio Fee: $15 per semester
Four hours studio a week
Prerequisite: Art 100

223 CERAMICS (3)

Basic technique study of hand-constructed clay forms, glaze making, and application.

MR. MASON — Both Semesters

Studio Fee: $15
Six hours studio a week

231, 232 DESIGN AND COMPOSITION (3, 3)

Studies in the expressive meaning and organization of line, shape, form, and color in two and three dimensional problems.

MR. SHEALY — 231 First Semester, 232 Second Semester

Studio Fee: $15
Six hours studio a week
Prerequisite: Art 105, 106

300 PRINCIPLES OF ART EDUCATION (2)

Exploration of historical and contemporary approaches to art education, with classroom observation in local schools.

MISS GRIFFISS — First Semester

302 PAINTING (3)

Studies in basic structure and color, with emphasis on pictorial elements interpreted through painting media.

MR. MCCLANAHAN Both Semesters
Studio fee: $15
Six hours studio a week
Prerequisite: Art 105, 106

303 DRAWING I (3)

Use of a variety of graphic media as the student explores the nature of form, with major emphasis on the figure and its underlying structure.

MR. SHEALY First Semester
Studio fee: $15
Six hours studio a week
Prerequisite: Art 105, 106

304 DRAWING II (3)

Work in figure, landscape, and still life; special emphasis on the expressive and imaginative use of various graphic media.

MR. SHEALY Second Semester
Studio fee: $15
Six hours studio a week
Prerequisite: Art 303

305 EUROPEAN ART (3)

European painting, sculpture, architecture, artifacts, and jewelry observed during the Queens European Program. Many class sessions in Vienna museums.

STAFF Summer
Offered only in the Queens European Program, The Institute of European Studies

307 ART IN THE UNITED STATES (3)

Study of the architecture, sculpture, painting, and minor arts of the Colonial period through the present, supplementing courses in American social and political history.

MISS GRIFFISS Second Semester
Alternate years; offered 1969-70

308 ART OF PRE-COLUMBIAN AMERICA (3)

Survey of the history and arts of Meso-America, Andean, and interlying areas before the coming of the Spaniards and an inquiry into the aesthetics of Pre-Columbian art.

MISS GRIFFISS
Alternate years; offered 1970-71

314 SCULPTURE (3)

Fundamental studies in the creative organization of space and mass; the technical problems of modeling, casting, and carving.

MR. MASON First Semester

Studio fee: $15
Six hours studio a week
Prerequisite: Art 105, 106

315 ADVANCED SCULPTURE (3)

Advanced studies in form and methods relating to the design and construction of three dimensional objects.

MR. MASON Second Semester

Studio fee: $15
Six hours studio a week
Prerequisite: Art 314

324 POTTERY (3)

Advanced individual development of clay forming, glaze computation, and firing methods.

MR. MASON Both Semesters

Studio fee: $15
Six hours studio a week
Prerequisite: Art 223

401, 402 ADVANCED PAINTING (3, 3)

Advanced study with an emphasis on the individual development and experimentation in a chosen painting medium.

MR. MCCLANAHAN 401 First Semester
402 Second Semester

Studio fee: $15
Six hours studio a week
Prerequisite: Art 302

405 NINETEENTH CENTURY PAINTING (3)

Study and analysis of painting from the time of David through the Post-Impressionists and resulting influence upon the development of art in the 20th century.

MISS GRIFFISS First Semester

Prerequisite: Art 211 or 212 or permission of the instructor

406 TWENTIETH CENTURY PAINTING (3)

Historical study of international artistic expressions of the

20th century and discussions of trends and aesthetics of contemporary art.

Miss Griffiss — Second Semester

Prerequisite: Art 211 or 212 or permission of the instructor

425 Visual Communication: Letter Forms (3)

An exploration of the development of letter forms in writing and type faces, with emphasis on calligraphic style, clarity, and beauty.

Mr. Shealy — First Semester

Studio fee: $10
Six hours studio a week
Prerequisite: Art 231, 232

426 Visual Communication:
Design in Advertising and Publishing (3)

Problems in visualization and design of various forms common to advertising and publishing.

Mr. Shealy — Second Semester

Studio fee: $15
Six hours studio a week
Prerequisite: Art 425

450 Problems in Art (3)

Advanced work in specialized areas of art for students with unusual talent and scholarship. No student may take work in more than two areas.

Staff — Both Semesters

Studio fee: to be determined by project
Admission by permission of department head and instructor

460 Art Seminar (1)

A course designed to help the senior student bring together and define her own ideas on art through individual problems and group discussions.

Staff — First Semester

Prerequisite: Senior major status

BIOLOGY

Professor Fehon; Assistant Professor Coffey; Assistant Professor Martin.

To serve the needs of the liberal arts student the department offers introductory work in biology with a contemporary molecular emphasis relating the field to the physical sciences and other disciplines. Concentration in biology provides basic preparation leading to work in research and medical laboratories, government positions, related businesses, teaching, and graduate study in biology or medicine.

A unique program in marine science is offered each summer at Pawleys Island, South Carolina.

Concentration Thirty semester hours from biology courses numbered 200 and above as approved by the major advisor. Students concentrating in biology are required to take eight semester hours of chemistry and Mathematics 102. Chemistry 403, 404 may be substituted for biology electives. Candidates for teaching certificates may substitute up to four semester hours of Education 442 for biology electives. Students concentrating in biology are advised to take physics, calculus, and organic chemistry. Chemistry 207 and 208 are recommended for those students planning careers in the medical sciences.

Distributed Requirements The requirement for Area IV is met with Biology 103.

Prerequisite Biology 103 is prerequisite to all other courses offered in the department.

103 INTRODUCTION TO BIOLOGY (3)
Course to introduce the student to methods and philosophy of biological science and to acquaint the student with current problems in the field; emphasis on the ecological approach with special attention to man-created problems.
DR. COFFEY, DR. FEHON, DR. MARTIN Both Semesters
Two hours lecture and two hours laboratory a week

104 PLANT BIOLOGY (4)

Morphological survey of the plant kingdom; study of life cycles emphasizing evolutionary changes; consideration of economic aspects.

DR. COFFEY Second Semester

Three hours lecture and two hours laboratory a week

106 ANIMAL BIOLOGY (4)

Survey of the animal kingdom; study of the organization and activities of animals with emphasis on man; and evolution of animal life.

DR. MARTIN Second Semester

Three hours lecture and two hours laboratory a week

201 INVERTEBRATE ZOOLOGY (4)

Study of the invertebrate phyla; comparative anatomy and physiology; natural history; systematics and evolution. Laboratory includes physiological experiments and emphasizes marine forms.

DR. FEHON First Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Biology 106

210 BIOECOLOGY (4)

Relationship of organisms to their environment; populations and communities; aquatic and terrestrial habitats; statistical methods. Laboratory includes both experimental and field studies.

DR. FEHON

Six hours lecture and laboratory or field work a week
Prerequisite: Biology 104, 106
Alternate years; offered 1970-71

300 CELL BIOLOGY (4)

Study of cell structure and physiology. Laboratory emphasizes research methods including instruments and techniques used in studying cells.

DR. COFFEY First Semester

Three hours lecture and three hours laboratory a week
Prerequisite: At least one year of college chemistry; Biology 104 and 106 recommended

301 VERTEBRATE EMBRYOLOGY (4)

Study of development with emphasis on vertebrates and a brief introduction to experimental embryology. Laboratory emphasizes amphibians and birds.

STAFF

Two hours lecture and four hours laboratory a week
Prerequisite: Biology 106
Alternate years; offered 1970-71

302 COMPARATIVE VERTEBRATE ANATOMY (4)

Review of the evolutionary history of vertebrates with comparative study of their systems. Laboratory dissection of dogfish, mud puppy, and cat.

STAFF

Two hours lecture and four hours laboratory a week
Prerequisite: Biology 106
Alternate years; offered 1970-71

305 PLANT SYSTEMATICS (4)

Development of systems of classification; study of basic principles; practice in identification; collection and study of members of plant families represented in local flora.

DR. COFFEY Second Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Biology 104

306 MICROBIOLOGY (4)

General survey of microorganisms with emphasis on morphology, metabolism, ecology, and taxonomy of bacteria. Laboratory includes independent studies.

DR. FEHON Second Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Eight semester hours of chemistry

310 MARINE BIOLOGY (4)

Introduction to oceanography and marine biology with emphasis on ecology and distribution and classification of local fauna and flora.

DR. FEHON Summer

Four weeks, summer session only, at Pawleys Island, S. C.
Prerequisite: Biology 201; Biology 104 and 210 recommended

402 GENETICS (4)

Principles of heredity and variation in plants and animals.

DR. MARTIN First Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Mathematics 102

425 BIOLOGY OF PARASITISM (4)

Introduction to biological principles involved in parasitism of animals including man; host parasite relationships; ecology; structure and classification.

DR. MARTIN Second Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Biology 201
Alternate years; offered 1969-70

450 INDEPENDENT STUDIES IN BIOLOGY (1 to 4)

Research projects in the area of the student's interest; written report and/or oral examination may be required; summer research in marine biology. May be taken more than once but total credits may not exceed six hours.

STAFF Both Semesters

Admission by permission of the instructor

CHEMISTRY

Professor McEwen; Professor Duncan; Professor Trimble.

The department offers two areas of concentration which give a background for graduate study, medical school, medical technology, or chemical laboratory work. Teacher certification may also be obtained. Laboratory equipment available makes it possible for students to receive individual instruction and experience with a variety of laboratory instruments.

Concentrations

Concentration in chemistry: Chemistry 100, 101, 207, 208, 303, 304, 307, 308, 403, and 404; mathematics through integral calculus; Physics 101, 102; German or Russian is advised.

Concentration in biological chemistry: Chemistry 100, 101, 207, 208, 303, 304, 403, 404; 12 semester hours approved biology courses above the 100 level; Physics 101, 102; Mathematics 102. Mathematics 201 (Calculus I) is recommended.

Distributed Requirements

The requirement, Area IV, may be met by Chemistry 100; also 101 or 303 by permission of instructor.

100 General Chemistry I (3)

Introductory chemistry course designed for all students; emphasis on atomic and molecular structures and their implications in modern civilization. Laboratory work provides skills in laboratory techniques and quantitative measurements.

Dr. Duncan, Dr. McEwen, Dr. Trimble Both Semesters

Two hours lecture and three hours laboratory a week

101 General Chemistry II (5)

Introduction to inorganic chemistry. Laboratory work includes qualitative analysis and selected quantitative techniques.

Dr. Trimble Second Semester

Four hours lecture and three hours laboratory a week

207 PHYSICAL CHEMISTRY (4)

Course for chemistry and biological chemistry majors with emphasis on gases, chemical kinetics, equilibria, and electrochemistry. Laboratory work is of a quantitative nature with emphasis on the newer instrumental techniques.

DR. TRIMBLE First Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 100, 101

208 INSTRUMENTAL ANALYSIS I (4)

Introduction to instrumentation and instrumental analysis with emphasis on fundamental electronic units, instrument design and construction, and analytical application.

DR. DUNCAN Second Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 207; Physics 101, 102 prerequisite or taken concurrently

303 ORGANIC CHEMISTRY I (4)

Introductory course including an integrated survey of the more important compounds of the aliphatic and aromatic series; emphasis on problems in organic synthesis. Laboratory work emphasizes procedures and preparations.

DR. MCEWEN First Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 100, 101

304 ORGANIC CHEMISTRY II (4)

Theoretical course treating the mechanisms of organic reactions in terms of modern structural theories. Laboratory work includes organic qualitative analysis, an introduction to the chemical literature, and independent work.

DR. TRIMBLE Second Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 303

307 INSTRUMENTAL ANALYSIS II (4)

Second course in instrumental analysis with emphasis on analytical methodology.

DR. DUNCAN First Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 208

308 PHYSICAL CHEMISTRY II (4)

Study of thermodynamics, solid and liquid states, quantum and structural chemistry. Laboratory work stresses precise physical measurement and application of the principles studied in previous courses.

DR. TRIMBLE Second Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 307

403 BIOCHEMISTRY I (4)

Review of certain chemical principles dealing with solutions with emphasis on pH; study of the chemistry of carbohydrates, lipids, and proteins. Laboratory work is quantitative in nature.

DR. MCEWEN First Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 100, 101, 207, 303

404 BIOCHEMISTRY II (4)

Emphasis is on enzymes and on metabolism. Laboratory work is quantitative in nature and introduces modern biochemical methods.

DR. DUNCAN Second Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 403

450 DIRECTED INDIVIDUAL STUDIES (2, 3, or 4)

Individual research conducted by the student.

DR. DUNCAN, DR. TRIMBLE Both Semesters

Open to advanced students by permission of the instructor

ECONOMICS

Professor Elliott; Assosiate Professor Brewer; Associate Professor DeFelice.

Courses offered in this department provide opportunity for the study of the principles that govern economic systems, in theory and practice. Concentration in economics may lead to careers in banking, commerce, industry, and government or to graduate study in economics, business, and law.

Concentration Economics 203, 204, 323, 324, 351, 412, 450, nine semester hours from among Economics 352, 421, 422, 423, 425, 426, and six semester hours of mathematics, including 206.

Distributed Requirements The requirement, Area V, may be met by Economics 101, 203, or 204.

101 American Economic Development (3)

Introduction to the study of economics, in the context of a survey of the economic development of the United States.

Staff First Semester

Open to freshmen only

203 Principles of Economics I (3)

Introductory survey of aggregate economic principles; the scope and method of economics; business organizations; money and prices; national income theory; economic stabilization.

Dr. DeFelice, Dr. Elliott Both Semesters

204 Principles of Economics II (3)

Survey of economic principles dealing with specific components of the economy and their application to economic problems; basic supply and demand theory; the theory of production; income distribution; agriculture; government regulation of business; labor organizations; international trade.

Mr. Brewer, Dr. Elliott Both Semesters

It is suggested that Economics 203 and 204 be taken in sequence.

305 PERSONAL AND FAMILY ECONOMICS (3)

Study of the management of personal and family financial affairs; open to juniors and seniors only. (Does not fulfill Distributed Requirements, Group V.)

MR. BREWER Both Semesters

323 PRICE THEORY (3)

Intermediate microeconomic theory: intensive study of the behavior of the consumer and the firm, analyses of production and distribution, and the relationships of prices and resource allocation to market structures.

DR. ELLIOTT First Semester

Prerequisite: Economics 203, 204

324 NATIONAL INCOME THEORY (3)

Intermediate macroeconomic theory: comprehensive study of aggregate economic analysis, the theory and the measurement of national income and employment.

DR. DEFELICE Second Semester

Prerequisite: Economics 203, 204

351 MONEY AND BANKING (3)

Study of the fundamental principles and practices of the money and credit systems of the United States: financial institutions; commercial banking; the Federal Reserve System; monetary theories and policy.

DR. DEFELICE First Semester

Prerequisite: Economics 203, 204

352 BUSINESS FINANCE (3)

Nature of business finance, corporate and non-corporate, and its relation to economics, accounting, and law: capital, capitalization, working capital; financial planning, initial financing, refinancing, and expansion; internal and external financial affairs of business firms.

DR. DEFELICE

Prerequisite: Economics 203, 204
Alternate years; offered 1970-71

412 History of Economic Thought (3)

Study of the major philosophers and schools of economic thought related to the economic, political, and social institutions of their times: the medieval, mercantilist, physiocrat, classical, Marxist, historical neo-classical, institutionalist, Keynesian, and post-Keynesian schools.

Dr. Elliott First Semester

Prerequisite: Economics 203, 204, or permission of the instructor

421 Public Finance (3)

Analysis of the impact of federal, state, and local government taxation, expenditures, budgeting, and debt management on the allocation of resources, the distribution of income, and the stabilization of national income and employment.

Staff Second Semester

Prerequisite: Economics 203, 204
Alternate years; offered 1969-70

422 International Economics (3)

Study of international trade and finance: regional specialization; national commercial policies; international investments, balance of payments; foreign exchange; foreign aid policies; international agreements on tariffs and trade.

Staff Second Semester

Prerequisite: Economics 203, 204, 351, or permission of the instructor

423 Labor Economics (3)

History, theory, and practices of the American labor movement; study of labor organizations as economic and social institutions, including a survey of the principles and problems of union-management relationships encountered in collective bargaining and in public policies toward labor.

Dr. Elliott First Semester

Prerequisite: Economics 203, 204, or permission of the instructor

425 Government and Business (3)

Study of government regulation and operation of business enterprise: the historical, political, economic, and legal aspects

of government aid to, regulation of, and competition with private business enterprise.

DR. DEFELICE

Prerequisite: Economics 203, 204, or permission of the instructor
Alternate years; offered 1970-71

426 COMPARATIVE ECONOMIC SYSTEMS (3)

Comparative study of alternative economic systems including capitalism, fascism, socialism, communism, and their variants, with particular emphasis on the United States, Great Britain, and the Soviet Union.

DR. DEFELICE

Prerequisite: Economics 203, 204, or permission of the instructor
Alternate years; offered 1970-71

450 SEMINAR IN CURRENT ECONOMIC ISSUES (3)

Senior seminar preparing economics majors for professional roles and graduate study: research methods, materials, and practice; written and oral presentations of current economic issues.

STAFF Second Semester

Prerequisite: Senior standing, and either 12 semester hours of advanced economics courses or permission of the instructor

EDUCATION

Professor Medlin; Associate Professor E. H. Mason, Jr.; Assistant Professor Smith.

Teacher certification may be obtained as a part of the student's regular four-year program. Course work is designed to meet requirements in North Carolina and some other states. Students planning to teach in a state other than North Carolina should obtain a copy of the requirements of that state and plan a program to meet those requirements. In its preparation of future teachers, the department combines contemporary knowledge with classroom theory and with experience in public school teaching.

Certification is possible in elementary-level teaching (grades 1-8); in secondary-level teaching (grades 7-12) in English, French, German, Spanish, mathematics, science (or biology, chemistry, or physics), and the social studies areas; and in the special subject areas (grades 1-12) in art, Bible, and music.

All students seeking certification are required to have a concentration in an academic area and to meet all requirements for graduation. For most teaching fields, approximately one semester of course work is required in education; for elementary certification approximately two semesters of course work are required. Students in the elementary certification program may choose any area of concentration offered and fulfill certification requirements at the same time.

Early planning for certification is advisable. For specific requirements in teaching fields, students should consult the special departmental bulletins on teacher education.

202 Educational Psychology (3)

Study of those principles of psychology which can be applied directly to the classroom; emphasis on psychological testing, behavior deviations, and principles of learning.

Dr. Harris Second Semester

Prerequisite: Psychology 201

305 CHILDREN'S LITERATURE (3)

Course to help students integrate knowledge of children and books; includes evaluating types of literature and planning ways of using books in elementary school.

MISS SMITH Both Semesters

311 HEALTH EDUCATION IN THE ELEMENTARY SCHOOL (2)

Study of role of the teacher in the school health program, her responsibilities in teaching of health and health of the school child.

MRS. WALKER First Semester

312 PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL (3)

Overall view of aspects of teaching physical education; its place in the school program; facilities, equipment, and safety procedures necessary for a successful program; skill progression and types of activities appropriate for elementary age groups.

MISS PHARR Both Semesters

Note: It is recommended that students preparing to teach in the elementary grades take folk and social dance as one of the four required hours in physical education.

332 PRINCIPLES OF ELEMENTARY EDUCATION (3)

Historical survey of American education, including European influences; exploration of teacher's role in the elementary school's purposes, organization, and administration at national, state, and local levels.

DR. MASON First Semester

341 PHILOSOPHY OF EDUCATION (3)

Historical survey of education in Western civilization emphasizing philosophical and social foundations; presentation of educational philosophy in relation to issues facing the American high school today.

STAFF Both Semesters

342 PRINCIPLES OF SECONDARY EDUCATION (3)

Study of the evolution of secondary education in the United States; analysis of the purposes, curricula patterns, school or-

ganization, and various roles of secondary teacher in relation to principles of secondary education.

STAFF Both Semesters

401 LANGUAGE ARTS IN THE ELEMENTARY SCHOOL (3)

Theoretical and practical approaches to instruction in the language arts; emphasis on reading instruction with attention to skills of language usage, spelling, and handwriting.

MISS SMITH Both Semesters

402 METHODS AND MATERIALS OF INSTRUCTION IN THE ELEMENTARY SCHOOL (3)

Course to familiarize the student with materials, curriculum sequence, and teaching methodology in science, social studies, and mathematics in elementary school.

MISS SMITH Both Semesters

420 CURRICULUM IN NURSERY-KINDERGARTEN (2)

Study of nature of nursery-kindergarten age child and educative experiences and guidance appropriate to his individual needs and potentialities.

MISS SMITH Summer

421 METHODS AND MATERIAL FOR INSTRUCTION IN NURSERY-KINDERGARTEN (2)

Survey of methods and materials in relation to individual interests, aptitudes, and needs of nursery-kindergarten children; emphasis on literature, language development, perceptual training, social awareness, group living, beginning science, listening, and prewriting.

MISS SMITH Summer

422 ORGANIZING PROGRAMS IN NURSERY-KINDERGARTEN (2)

Study of the essentials in the organization of a good program for children; records and reports; physical facilities and equipment; working with exceptional children; and the role of the parent.

MISS SMITH Summer

442 DIRECTED TEACHING AND METHODS IN SECONDARY SCHOOLS (8)

Study of methods of instruction and resource materials in each of the teaching fields during the first half of semester; last eight weeks of semester involve full-time observation and student teaching in selected junior and senior high schools.

DR. MASON, DR. MEDLIN Both Semesters

Student teaching fee: $40
Admission to course by recommendation of director of student teaching and major department

444 OBSERVATION AND STUDENT TEACHING IN THE ELEMENTARY GRADES (6)

Eight-week period of observation and student teaching in selected elementary schools.

MISS SMITH Both Semesters

Student teaching fee: $40
Prerequisite: Recommendation of the director of student teaching and the major department

450 INDIVIDUAL STUDIES IN EDUCATION (3)

Programs of study for experienced classroom teachers, following their interests and needs, are planned with the help of the instructor. Persons interested in enrolling in Education 450 are urged to confer with the instructor in person or by letter prior to the beginning of the course so that individual study plans may be formulated.

STAFF

Prerequisite: Classroom teaching experience; and permission of the instructor
Offered when there is demand

OFFERED ONLY IN SUMMER SCHOOL

Courses are designed for teachers and are open only to college graduates.

40 CONVERSATIONS IN THE LIBERAL ARTS: THE QUEST FOR MORAL STANDARDS IN A CHANGING SOCIETY (2)

Study directed toward ethical questions in modern American

society; materials chosen from a variety of fields; examination of standards, goals, and guidelines for youth and adults.
STAFF Summer

41 CONVERSATIONS IN THE LIBERAL ARTS: THE SOUTH—OLD AND NEW (2)
View of the world of the South with emphasis on some of the major voices of the South in works which express the literary, historical, and cultural life of the region.
STAFF Summer

GEOGRAPHY

Dr. Clay

205 FUNDAMENTALS OF GEOGRAPHY (3)
Both physical and social aspects of geography treated through study of the earth's surface and man's response to his physical environment with some emphasis on reading and interpreting maps and globes; designed primarily for elementary education certification requirements.
DR. CLAY Both Semesters

ENGLISH

Professor Newman; Assistant Professor Gatlin; Assistant Professor Hadley; Assistant Professor Maxfield; Assistant Professor Miscally; Assistant Professor Reynolds; Assistant Professor Tyson; Mrs. Crosthwaite; Mrs. Little; Mrs. Reeder.

Courses in the department include composition, literature, and speech and dramatic arts, with the concentration in literature. Students are encouraged to take courses in all three areas, but courses in composition and dramatic arts do not count toward a concentration. Initial courses train the student to perceive and evaluate the form, structure, and inner dynamics of any literary work. Advanced courses focus on specialized areas of relevance to give the student an awareness of ways in which other disciplines contribute to a fuller understanding of literature.

Study of literature and composition affords preparation for professional schools in law and teaching. In addition students concentrating in this department find their training applicable to editing, reportorial journalism, and many phases of creative writing. Students may also obtain teaching certificates through elective courses.

Concentration Literature 207, 208; Literature 321-322; Literature 475; and at least 15 additional semester hours from literature courses numbered 300 and above, as approved by the major advisor.

Distributed Requirements English 101-102 is required of all students; in literature, Area VI, the requirement may be met by Literature 207, or if taken in the foreign language department, any literature course numbered 300 or above.

ENGLISH COMPOSITION

101-102 CONCEPTS IN COMMUNICATION (4-4)

A course in reading and writing for all freshman students. In the reading laboratory students will consider problems of communication in all college disciplines. The writing laboratory will deal with student papers by means of student criticism.

STAFF — 101 First Semester, 102 Second Semester

305 AN INTRODUCTION TO JOURNALISTIC WRITING (3)

Study of newspaper methods and the techniques of news writing; practical experience in reporting.

MISS MISCALLY

Not offered in 1969-70

306 NEWS WRITING AND EDITING (3)

Continuation of Composition 305, designed to give more extensive training in news writing and to acquaint students with elementary problems of editing and make-up.

MISS MISCALLY

Prerequisite: English Composition 305
Not offered in 1969-70

307 ADVANCED COMPOSITION (3)

Study of principles of writing, with special attention to observation and reflection, form and meaning, modern usage, and effective expression.

DR. NEWMAN — First Semester

322 STUDIES IN LINGUISTICS (3)

Study of the main tenets of structural linguistics and transformational grammar with some attention to the relation between linguistic theories and older theories about language.

STAFF — Second Semester

450 DIRECTED STUDY IN COMPOSITION (2, 3, 4)

Independent investigation of a topic by means of a thesis or a project to be developed through directed reading, bibliography, and practical application of findings.

STAFF — Both Semesters

LITERATURE

207, 208 INTRODUCTION TO LITERATURE (3, 3)

Beginning reading techniques for understanding and enjoying poetry, fiction, and drama. The first semester will emphasize techniques used in analyzing the three types of literature; second semester, ways in which the three types are essentially different.

STAFF 207 First Semester
208 Second Semester

Prerequisite: Literature 207 prerequisite to 208

308 LITERARY COMPOSITION (3)

Practice in writing and in criticism of the essay, short story, and poem in view of a final piece of sustained, related work, for students with interest in and aptitude for composition.

DR. NEWMAN Second Semester

Admission by permission of the instructor

309 STUDIES IN LITERARY FORMS

Intensive explorations of the nature and evolution of a selected literary form.

Subtitles indicate the form to be studied; may be taken more than once with different subtitles.

309a THE NOVEL (3)

Development of the novel as a literary form using selected works of English fiction from the 18th century to the present.

DR. MAXFIELD Second Semester

309d TRAGEDY (3)

Exploration of various possibilities of defining tragedy: in terms of the protagonist, a plot, an effect upon the audience, an attitude toward life, or others.

MR. HADLEY First Semester

309f Poetry in English Since 1900 (3)

Development of modern poetry from its post-Victorian beginnings to the present; emphasis on Frost, Eliot, Yeats, and Stevens.

Staff

Not offered 1969-70

310 Studies in Literary Movements and Attitudes

Study of a group of literary works representative of a particular movement, point of view, or attitude: a body of material in which there are important similarities in emotional, aesthetic, or intellectual content.

Subtitles indicate the movement to be studied; may be taken more than once with different subtitles.

310b Symbolism (3)

A study of myth and symbol in contemporary literature from the French symbolist poets to the present.

Dr. Newman Second Semester

310d Neo-Classicism (3)

Development of the emotional, aesthetic, and intellectual aspects of neo-classicism as seen in selected works from English, French, and German literature.

Staff

Not offered 1969-70

310g Modern Drama (3)

A study of world drama from the realism of Ibsen through naturalism, expressionism, and symbolism to the current avant-garde theatre.

Mr. Hadley Second Semester

310h The Victorian Age (3)

Consideration of the major themes and concerns of novelists, poets, and prose writers of the Age of Victoria; emphasis on works of Tennyson, Carlyle, and other important figures.

Dr. Gatlin Second Semester

310i THE SEVENTEENTH CENTURY (3)
Study of poetry, drama, and prose with emphasis on English literature from Jonson to Dryden; concerned with development of attitudes toward science and government.
MR. REYNOLDS First Semester

311 STUDIES IN LITERATURE AND HISTORY
An effort to illustrate the illumination that can be brought to literature through a study of the effect of a significant event or a related series of events upon subsequent literary works.

Subtitles indicate the subject to be considered. May be taken more than once with different subtitles.

311a PLATONISM IN THE RENAISSANCE (3)
Study of Platonic and courtly-love idealism in Renaissance literature, beginning with the troubadours, and moving through Italy to England.
STAFF
Not offered 1969-70

311b ROUSSEAU AND ROMANTICISM (3)
Development and maturation of romantic techniques and ideas on the continent, in England, and in America from 1760 to 1850; emphasis on the masters of French, German, and English romanticism.
DR. GATLIN First Semester

311c EXISTENTIALISM IN LITERATURE (3)
The impact of the six major existential writers on the literature of Germany, France, England, and America.
STAFF
Not offered 1969-70

311e RUSSIAN LITERATURE OF THE SOVIET PERIOD (3)
Concentration on the theme of the fate of the individual in modern mass society; readings include works by important Soviet and emigré writers.
STAFF
Not offered 1969-70

311f IDENTITY CONFLICTS IN MODERN AMERICAN LITERATURE (3)

Study of the conflict between identity in a minority group and identity as an American, occurring in such groups as Negroes and Jews.

DR. NEWMAN First Semester

312 STUDIES IN INDIVIDUAL AUTHORS

Consideration of a significant and coherent portion of the work of a single author.

Subtitles indicate the author to be studied; may be taken more than once with different subtitles.

312a SHAKESPEARE (3)

Representative comedies, histories, tragedies, and romances with emphasis on Shakespeare's development as a dramatic artist.

DR. MAXFIELD First Semester

312b CHAUCER (3)

Contributions of Chaucer to English verse through close examination of *The Canterbury Tales, Troilus and Criseyde,* and lyrics.

STAFF

Not offered 1969-70

312d DOSTOYEVSKY (3)

Examination of the basic problems of human existence raised by Dostoyevsky in his novels.

DR. WEIANT Second Semester

313 STUDIES IN A NATIONAL LITERATURE

Consideration of a significant portion of the literature of one nation.

Subtitles indicate the nation whose literature is studied; may be taken more than once with different subtitles.

313a AMERICAN LITERATURE (3)

Study of the particular properties and the major movements of American literature as seen in the works of the major writers.

MR. REYNOLDS Second Semester

313b GERMAN LITERATURE (3)

Study of major dramatists from the 18th century, including Lessing, Goethe, Schiller, and Kleist; writers of prose from the 19th century, including Novalis, Eichendorff, Keller, Meyer, Buchner, Hauptmann, Mann, Kafka, and Hesse.

STAFF

Not offered 1969-70

313c FRENCH LITERATURE (3)

Consideration of major literary works from various periods of French literature, chosen for their value as contributions to world literature.

MR. WOMBLE Second Semester

313d RUSSIAN LITERATURE (3)

Major emphasis on Russian literary achievements of the 18th and 19th centuries with special attention given to the works of Pushkin, Gogol, Dostoyevsky, Tolstoy, and Chekhov.

DR. WEIANT First Semester

313e SPANISH LITERATURE (3)

Important literary works from various periods chosen for their importance and influence or reflection on world literature.

STAFF

Not offered in 1969-70

317 LITERARY CRITICISM (3)

An approach to literary evaluation through readings of critical theory and through practice on actual literary works.

STAFF

Not offered 1969-70

321-322 LITERARY HISTORY OF ENGLAND (3-3)

Seminar for juniors concentrating in literature; emphasis on the development of the literature of England, the rise of literary forms, the importance and influence of major writers, and the relation of literature to political and cultural history.

DR. MAXFIELD, MR. REYNOLDS 321 First Semester
322 Second Semester

450 Directed Study in Literature (2, 3, or 4)
Course open to advanced students by permission of the instructor.
Staff

475 Tutorial in Literature (3)
Course designed to furnish the student occasion and direction in organizing concentrated study through individual guidance and small group meetings.
Staff Both Semesters
Required of senior majors in literature

SPEECH AND DRAMATIC ART

100 Fundamentals of Theatre (3)
Study of basic principles and practices of the correlated arts which make up the production of a play in the theatre; written word viewed in relation to its performance, with discussion of design, costume, makeup, and lighting; also discussion of the place of theatre in society. Trips to theatres and campus productions.
Mr. Hadley Second Semester

103 Fundamentals of Speech (3)
Technical analysis of individual voice and speech problems; intensive study of the International Phonetic Alphabet, with individual and group practice in writing phonetic transcription, and in articulation and pronunciation.
Staff
Not offered 1969-70

201 Oral Interpretation (3)

Approach to an appreciation of literature and a responsiveness to its intellectual and emotional content through training and practice in communicating it to others. Basic principles and techniques in reading poetry, prose, and dramatic literature.

Staff

Not offered 1969-70

315 Play Production I (3)

Introduction to principles of stage lighting, costume design and construction, and makeup for open stage and proscenium productions; standard and special lighting equipment; methods of cross- and special-effect lighting; proper use of colored gelatine; and the operation of a patching panel and switchboard; opportunity to apply principles in the production of a play.

Mr. Hadley First Semester

316 Play Production II (3)

Introduction to principles of scene design, construction, painting, and shifting for open stage and proscenium production; selection of a style for production from various representational and non-representational methods and translation of design into reality by the construction of standard and modified stage scenery; and opportunity to apply principles in the production of a play.

Mr. Hadley Second Semester

349 Theatrical Presentation: Theory and Practice (3)

Acting and directing as critical approaches to dramatic literature with practical exercises for the prospective actor-director seeking essentials and techniques in both arts; actor-improvisation and characterization; basic processes which go on during a director's interpretative study and preparation of a play for production. Opportunity to apply principles in the assignment of one play for intensive study; participation in campus productions and trips to local theatres encouraged.

Mr. Hadley First Semester

FOREIGN LANGUAGES AND LITERATURES

Programs in French, German, Spanish, and Latin-American Studies and Russian Studies are available in this department. Concentration in any one of these areas provides the basis for graduate study or careers in teaching, government, the foreign service, or in business fields in which a knowledge of another language is important.

College Board Foreign Language Achievement Test scores are used as a measure of proficiency and as a guide for placement. Entering students who have taken this test will be informed at the time of registration of their foreign language study options. A score of 550 (equivalent to successful completion of a 202 level course) is considered demonstration of basic foreign language proficiency. A student in this category will have satisfied the degree requirement and thus may elect to discontinue foreign language study, to register in an upper-level class, or to begin the study of another foreign language. A student scoring below this level will have the choice of continuing in a specifically recommended course a foreign language begun in secondary school or of beginning the study of another foreign language. In either case, students in this latter group receive full semester-hour credit for work successfully completed.

Much of the work in upper-level courses is done in the foreign language laboratory. In preparation for this, a student at the 100 and 200 level of instruction can expect both classwork and homework assignments in the laboratory.

Study Abroad

Students concentrating in foreign languages will be encouraged to study abroad under the auspices of approved institutions. Programs of study must be planned in advance, and credit for such work will be granted only upon receipt of transcripts and the successful completion of a departmental examination.

Distributed Requirements

In Area II, proficiency at the 202 level is required. Any foreign language literature course numbered 300 or above will meet the requirement in literature, Area VI.

FRENCH

Assistant Professor Richardson; Mrs. Rose; Mr. Womble.

Concentration Thirty semester hours of French courses, as approved by the major advisor, of which at least 18 semester hours are to be from courses numbered 300 and above. Admission to any course numbered above 200 must be approved by the major advisor. Courses 300 and above conducted in French unless otherwise indicated.

French 231, 232 are prerequisite for all courses in French literature numbered 300 and above.

101-102 ELEMENTARY FRENCH (3-3)

Presentation of the basic structure of the language; first semester emphasis on the spoken language; second semester, the use of the written language for communication and comprehension.

MR. WOMBLE — Both Semesters

103 PREPARATORY FRENCH (3)

One semester course designed for students who wish to continue the language at the intermediate level but who are insufficiently prepared.

STAFF — First Semester

201-202 INTERMEDIATE FRENCH (3-3)

Review and further study of the structure of the language, oral and written; readings from literature and study of civilization, with discussions in French.

MISS RICHARDSON, MR. WOMBLE — 201 First Semester, 202 Second Semester

Prerequisite: French 101-102, 103, or equivalent

231, 232 SURVEY OF FRENCH LITERATURE AND CIVILIZATION (3, 3)

First semester, introduction to French civilization and literature from Middle Ages to 1800; second semester, civilization and literature of 19th and 20th centuries; readings from representative authors.

STAFF — 231 First Semester, 232 Second Semester

French 231 is prerequisite to 232

309 FRENCH CONVERSATION (3)

Oral training accompanied by regular practice in the language laboratory; oral reports and discussions assigned in advance; conducted in French.

MISS RICHARDSON Second Semester

Prerequisite: French 201-202 or equivalent
Alternate years; offered 1969-70

310 FRENCH COMPOSITION (3)

Oral and written translations and review of grammar to increase the student's proficiency in the use of the language; conducted mainly in French.

MISS RICHARDSON Second Semester

Prerequisite: French 201-202 or equivalent
Alternate years; offered 1969-70

313 IMPORTANT PROSE WORKS OF FRENCH LITERATURE (3)

Major literary works from various periods of French literature, chosen for their value as contributions to world literature; selected materials read in the original; reports in French; class conducted in English.

MR. WOMBLE Second Semester

Alternate years; offered 1969-70

NOTE: Students may elect this course as Literature 313c, Studies in a National Literature. Readings will be done in translation, and reports written in English.

Prerequisite: Literature 207, 208

317 MEDIEVAL AND RENAISSANCE LITERATURE (3)

Development of French literature from *The Chanson de Roland* to 1800; selections chosen to illustrate the characteristic literary forms and works of major writers.

STAFF

Alternate years; offered 1970-71

318 SEVENTEENTH CENTURY LITERATURE (3)

Origins and theories of French classicism; selections from works of major authors particularly Descartes, Pascal, Corneille, Racine, Moliere, LaFontaine, Boileau, and Madame de La Fayette.

STAFF

Alternate years; offered 1970-71

319 Eighteenth Century Literature (3)
Reading and analysis of texts selected from the Age of Enlightenment; emphasis on Rousseau, Voltaire, Montesquieu, and Diderot.
Staff
Alternate years; offered 1970-71

325 Nineteenth Century Literature: Romanticism (3)
Study of the literary movements of the first half of the century, with emphasis on romanticism in works of prose, poetry, and drama.
Miss Richardson First Semester
Alternate years; offered 1969-70

326 Nineteenth Century Literature:
Realism and Naturalism (3)
Literary movements of the last half of the century; emphasis on the development of realism and naturalism and the reaction to these; class conducted in French.
Miss Richardson First Semester
Alternate years; offered 1969-70

341 Twentieth Century Literature: Prose Writers (3)
Novelists and essayists including Gide, Proust, Mauriac, Sartre, Simone de Beauvoir, Camus; also the new novel.
Mr. Womble First Semester
Alternate years; offered 1969-70

342 Twentieth Century Literature:
Drama and Poetry (3)
Including works of Claudel, Giraudoux, Cocteau, Anouilh, Sartre; also Theatre of the Absurd; poetry of Valery, Appollinaire, and the surrealists.
Mr. Womble First Semester
Alternate years; offered 1969-70

451 Advanced Composition: Written and Oral (3)
Course designed for prospective teachers; review of structure and sounds of the language; written and oral compositions;

preparation and presentation of material using modern techniques of foreign language instruction.

STAFF

Admission by permission of the instructor
Alternate years; offered 1970-71

452 DIRECTED READINGS IN FRENCH LITERATURE (3)

Intensive reading and study in an area of literature chosen by the student to give a more thorough study of an author or area than is possible in courses of wider content.

STAFF

Admission by permission of the instructor
Offered on demand

GERMAN

Mrs. Hostettler

Concentration Thirty semester hours of German courses, of which at least 18 semester hours are numbered 300 and above.

101-102 ELEMENTARY GERMAN (3-3)

Development of aural comprehension, speaking, reading, and writing of idiomatic German.

MRS. HOSTETTLER

101 First Semester
102 Second Semester

201-202 INTERMEDIATE GERMAN (3-3)

Review of the basic structure of the language and the presentation of the finer points of grammar, syntax, and idiom; continuation of training in reading and pronunciation and perception of the spoken language.

MRS. HOSTETTLER

201 First Semester
202 Second Semester

Prerequisite: German 101-102 or equivalent

313 IMPORTANT WORKS IN GERMAN LITERATURE (3)

Major dramatists from the 18th century, including Lessing,

Goethe, Schiller, and Kleist; writers of prose from the 19th century, including Novalis, Eichendorff, Keller, Meyer, Büchner, Hauptmann, Mann, Kafka, Hesse; conducted in English.

MRS. HOSTETTLER
Prerequisite: German 201-202 or equivalent
Alternate years; offered 1970-71

NOTE: Students may elect to take this course as Literature 313b, Studies in a National Literature.
Prerequisite: Literature 207, 208

314 GERMAN LITERATURE OF THE NINETEENTH CENTURY (3)

Study in depth of prose and dramatic works of the realistic, naturalistic, and symbolistic periods; conducted in German.

MRS. HOSTETTLER First Semester
Prerequisite: German 201-202 or equivalent
Alternate years; offered 1969-70

315 CONTEMPORARY GERMAN PROSE (3)

Study of the selected prose writing of Kafka, Borchert, Böll, Benn, Langgässer, Aichinger, and Gunther Grass; conducted in German.

MRS. HOSTETTLER Second Semester
Prerequisite: German 201-202 or equivalent

316 CONTEMPORARY GERMAN DRAMA (3)

Study of selected dramatic works of Brecht, Frisch, Dürrenmatt, Hochhuth, and Weiss; conducted in German.

MRS. HOSTETTLER
Prerequisite: German 201-202 or equivalent
Alternate years; offered 1970-71

321-322 GERMAN CONVERSATION AND COMPOSITION (3-3)

Advanced training and practice in the use of idiomatic German; discussions and reports based on German, Swiss, and Austrian customs, folklore, and "Kulturgeschichte."

MRS. HOSTETTLER 321 First Semester
322 Second Semester
Prerequisite: German 201-202 or equivalent

451 STILISTICS (3)

Analysis of the structure and phonetics of German; practice with oral presentation and composition of reports and essays; conducted in German.

MRS. HOSTETTLER
Admission by permission of the instructor
Offered when there is sufficient demand

452 SPECIAL STUDIES IN GERMAN LITERATURE (3)

One semester study of a topic of special interest in German literature, treated as readings and supplemented with a research paper.

MRS. HOSTETTLER
Admission by permission of the instructor
Offered when there is sufficient demand

RUSSIAN

Professor Weiant.

Concentration Russian Studies: 12 semester hours of Russian courses numbered 300 and above; Russian 450; History 317, 318.

101-102 ELEMENTARY RUSSIAN (3-3)

Basic structure of Russian with emphasis on correct pronunciation and training in reading and writing in Cyrillic alphabet; introduction to Soviet life and culture.

DR. WEIANT
101 First Semester
102 Second Semester

201-202 INTERMEDIATE RUSSIAN (3-3)

Review of basic structure of Russian; advanced study of grammar, syntax, use of idiom and word formation; readings in Russian literature and modern Soviet works.

DR. WEIANT
201 First Semester
202 Second Semester

305 RUSSIAN PROSE (3)

Practical training in reading Russian to acquire a large vocabulary based on analysis of word roots, mastery of the more

complex forms of syntax, and an awareness of style; compositions and oral reports in Russian.

DR. WEIANT First Semester
Prerequisite: Russian 201-202 or equivalent

306 RUSSIAN POETRY (3)

Essentials of Russian versification with readings from works of Pushkin, the symbolists, and leading poets of the Soviet period; continued emphasis on vocabulary development as well as memorization and practice in phonetics and intonation; oral recitation and translation into Russian and English prose.

DR. WEIANT Second Semester
Prerequisite: Russian 305

311 RUSSIAN LITERATURE OF THE SOVIET PERIOD (3)

Basic theme is that of much 20th century literature: the fate of the individual in modern mass society; readings include works by important Soviet and emigré writers; class conducted in English; most readings and reports in Russian.

Prerequisite: Russian 305
Alternate years; offered 1970-71

NOTE: Students may elect to take this course as Literature 311e, Studies in Literature and History. Readings will be done in translation and written reports in English.

Prerequisite: Literature 207, 208

312 DOSTOYEVSKY (3)

Examination of the basic problems of human existence raised by Dostoyevsky in his novels; class conducted in English; some readings and reports in Russian.

DR. WEIANT Second Semester

Prerequisite: Russian 305
Alternate years; offered 1969-70

NOTE: Students may elect to take this course as Literature 312d, Studies in a National Literature. Readings will be done in translation and written reports in English.

Prerequisite: Literature 207, 208

313 MASTERPIECES OF RUSSIAN LITERATURE (3)

Major emphasis on Russian literary achievements of the 18th and 19th centuries, with special attention given to the works

of Pushkin, Gogol, Dostoyevsky, Tolstoy, and Chekhov.

DR. WEIANT First Semester

Alternate years; offered 1969-70

NOTE: Students may elect to take this course as Literature 313d, Studies in a National Literature. Readings will be done in translation and written reports in English.
Prerequisite: Literature 207, 208

450 RUSSIAN AREA RESEARCH (3)

Terminal research program for all students concentrating in Russian studies. Training in research techniques peculiar to the field; research topic selected by the student.

DR. WEIANT Both Semesters

SPANISH

Assistant Professor Kirby; Assistant Professor Hopper; Mrs. Lopez.

Concentrations

SPANISH: 30 semester hours of Spanish courses, of which at least 18 semester hours are from Spanish courses numbered 300 and above. Admission to any course numbered above 200 must be approved by the major advisor.

LATIN-AMERICAN STUDIES: Spanish 301, 302, 321, 322, 431, 432, 450; History 307; and nine hours of courses of 300 level or above, in economics, history and political science, and sociology, as approved by the major advisor. Courses numbered 300 or above are taught in Spanish.

101-102 ELEMENTARY SPANISH (3-3)

Presentation of basic grammatical structure with emphasis on correct oral and written use of the language; introduction to the civilization of Latin America.

MRS. HOPPER, MRS. LOPEZ 101 First Semester
102 Second Semester

103 PREPARATORY SPANISH (3)

One semester course designed for students who wish to continue the language at intermediate level but who are insufficiently prepared.

MISS KIRBY Second Semester

201-202 INTERMEDIATE SPANISH (3-3)

Review and more advanced study of the structure of the language, oral and written; introduction to the civilization of Spain; readings in contemporary literature.

MRS. HOPPER, MISS KIRBY, MRS. LOPEZ 201 First Semester
202 Second Semester

Prerequisite: Spanish 101-102, 103 or equivalent

301, 302 STUDY OF HISPANIC LITERATURE (3, 3)

Introduction to Spanish literature, its historical background, and important trends developed through reading and discussion of significant works.

MRS. LOPEZ 301 First Semester
302 Second Semester

Prerequisite: Spanish 201-202 or equivalent
Spanish 301 for 302

315 NINETEENTH CENTURY DRAMA (3)

Study of the romantic period, thesis play, satire on social customs, and the *genero chico* through readings from outstanding authors and recordings of plays; class conducted in Spanish.

STAFF

Prerequisite: Spanish 301, 302 or by permission of the instructor
Alternate years; offered 1970-71

316 NINETEENTH CENTURY NOVEL (3)

Stylistic and *costumbrista* study through readings and discussions of the outstanding Spanish authors of regional novels and short stories.

MRS. HOPPER Second Semester

Prerequisite: Spanish 301, 302, or by permission of the instructor
Offered when there is sufficient demand

321 SPANISH CONVERSATION (3)

Advanced training in speaking, report making, and comprehension; continued stress on pronunciation, intonation, and correct modes of expression.

MISS KIRBY First Semester

Prerequisite: Spanish 201-202 or by permission of the instructor

322 ADVANCED SPANISH CONVERSATION (3)

Current socio-political problems of Latin America discussed through the works of Latin-American essayists and short story writers.

MISS KIRBY Second Semester

Prerequisite: Spanish 201-202, 321, or by permission of the instructor

402 CONTEMPORARY SPANISH LITERATURE (3)

Literature and ideas of 20th century from the "Generation of 1898" to the present; influence of history on the literature; stylistic analysis of works of the authors studied.

Alternate years; offered 1970-71

423 DRAMA OF THE GOLDEN AGE (3)

Literary background of the Golden Age; reading and evaluation of masterpieces of drama.

Prerequisite: Spanish 301, 302, or by permission of the instructor

Alternate years; offered 1970-71

424 CERVANTES (3)

Study of works of Cervantes, with emphasis on *Don Quihote* and the *Novelas Ejemplares.*

MRS. HOPPER First Semester

Admission by permission of the instructor

Alternate years; offered 1969-70

431, 432 READINGS IN SPANISH-AMERICAN LITERATURE (3, 3)

Chronological development of Spanish-American literature; readings reflect history, culture, and social and literary trends.

MISS KIRBY 431 First Semester
432 Second Semester

Prerequisite: Spanish 301, 302, or by permission of the instructor

Alternate years; offered 1969-70

433 THE CONTEMPORARY THEATRE (3)

Study of the tendencies and dramatic works from the "Generation of 1898" and modernism, the contemporary theatre in Spain and Latin America.

Prerequisite: Spanish 301, 302 or by permission of the instructor
Alternate years; offered 1970-71

450 RESEARCH PROJECT IN LATIN-AMERICAN STUDIES (3)

Terminal course for all students concentrating in Latin-American studies; written and oral defense of chosen topic must deal with a significant Latin-American problem.

MISS KIRBY First Semester
Offered when there is demand

452 SPECIAL STUDIES IN SPANISH OR LATIN-AMERICAN LITERATURE (3)

Individual one-semester study and oral defense of a topic of special interest in either Spanish or Latin-American literature with report in Spanish.

STAFF First Semester
Admission by permission of the instructor
Offered when there is demand

HISTORY

Professor Preyer; Professor Reichard; Assistant Professor Davis; Assistant Professor Jacobs.

Courses are designed to help the student understand the forces which influence the conduct of human affairs. The discipline draws upon many fields of knowledge and assists students to develop perspective and objectivity. Concentration in history provides training for careers in teaching, in foreign service and government, in law, in library work with archives, and in interpretative journalism.

Concentration Thirty semester hours in history. At the 100-200 level one course is required in each of the following fields: ancient and medieval history; modern European history; and American history. At the 300-400 level at least two additional courses in one of the above fields are required, including either 442 or 444.

Distributed Requirements The requirement, Area III, is met by any course except those numbered 420 and above.

111 The Ancient World (3)

General survey of ancient Near-Eastern, Greek, and Roman history; emphasis upon the distinctive features characteristic of each civilization.

Dr. Jacobs First Semester

112 Medieval Europe (3)

General survey of the development of Europe to its culmination at the time of the Reformation. The major concern is Western Europe, with a secondary emphasis upon the Byzantine East.

Dr. Jacobs Second Semester

113 Early-Modern Europe (3)

Survey stressing intellectual, economic, and political developments in Early-Modern Europe; the rise of the nation state, the enlightenment, the French Revolution, Napoleon.

Dr. Reichard First Semester

114 RECENT-MODERN EUROPE (3)

Survey of European history since 1815 stressing intellectual, economic, and political developments; liberalism, socialism, totalitarianism, World Wars I and II, the age of the bomb.

DR. REICHARD Second Semester

203 THE UNITED STATES TO 1865 (3)

Rise of an American tradition; establishment of a nation; economic developments; expansion and sectional controversy.

MR. DAVIS, DR. PREYER First Semester

204 THE UNITED STATES SINCE 1865 (3)

Reconstruction; settling the West; the triumph of business; reform movements and foreign affairs; the New Deal era; the Cold War era.

MR. DAVIS, DR. PREYER Second Semester

301, 302 ENGLISH HISTORY (3, 3)

Study of the social, economic, and political growth of the nation with emphasis on the development of parliamentary government, the Empire, and the Commonwealth of Nations.

STAFF

Alternate years; offered 1970-71

307 LATIN AMERICA: THE FORMATIVE PERIOD (3)

Study of Latin America from the Spanish conquest to the early 20th century; emphasis on the lasting patterns established under Spanish and Portuguese rule and the problems of the post-independence governments.

DR. REICHARD First Semester

308 LATIN AMERICA: TWENTIETH CENTURY PROBLEMS (3)

Analysis of the origins and nature of current political, social, economic, and diplomatic problems in Latin America and the efforts made to solve them.

STAFF

Not offered 1969-70

317 HISTORY OF RUSSIA (3)

Background of Czarist Russia; emergence of Russia as a world power; the Revolution; and expansion of communism.

STAFF

Alternate years; offered 1970-71

318 HISTORY OF THE UNION OF SOVIET SOCIALIST REPUBLICS (3)

Detailed history of the USSR and its role in world affairs; emphasis on the Communist Party, development of Soviet economic and governmental institutions, and the composition of Soviet society.

STAFF

Prerequisite: History 317
Alternate years; offered 1970-71

319 EAST ASIA: THE TRADITIONAL CIVILIZATIONS (3)

Survey of the development of civilizations of Eastern Asia before the impact of the West; emphasis on Chinese civilization and its influence on adjacent areas.

STAFF

Not offered 1969-70

320 EAST ASIA: THE PERIOD OF MODERNIZATION (3)

Survey of the development of Eastern Asia in response to the impact of the West; emphasis on the contrasting responses of China and Japan.

STAFF

Prerequisite: History 319
Not offered 1969-70

375 THE MUSLIMS AND THEIR CULTURE (3)

Life and times of Muhammad; ideals and traditional practices of Islam; the history of the major Muslim societies and their distinctive culture; trend of contemporary change. (See also Sociology 375.)

DR. POHLMAN First Semester

377 Ancient Greek Civilization (3)

Study of the major forms and ideas of Greek civilization from Homer to Aristotle, considered against the background of Greek history from Mycenaean times to death of Alexander.

Dr. Jacobs First Semester

378 Ancient Roman Civilization (3)

Study of the major institutional and intellectual features of Roman civilization from the earliest appearances of the Latins in Italy to the preservation of the Roman spirit in the Christian church of the West.

Dr. Jacobs Second Semester

379 Topics in Medieval History (3)

Examination of the medieval roots of certain critical problems of contemporary man.

Dr. Jacobs Second Semester

Recommended History 112.
The topic for 1969-70 will be Church and State in the Middle Ages. Course may be taken only once.

382 The Period of the Hapsburgs (3)

Study of the origins and developments of the power of the House of Hapsburg; the extent and involvements of the factors that contributed to its decline.

Staff

Offered only in the Queens College European Program, The Institute of European Studies, Vienna, Austria

385 Europe in the Age of Revolutions, 1789-1848 (3)

Study of the forces of continuity and change in European history from the French Revolution to the revolutions of 1848.

Staff

Not offered 1969-70

386 EUROPE FROM THE AGE OF BISMARCK TO THE FIRST WORLD WAR (3)
Study of the political, diplomatic, social, and cultural developments in Europe from the unification of Italy and of Germany to the European collapse.
DR. REICHARD First Semester

390 INDIVIDUALS AND GENERATIONS (3)
Biographical approach to American history; the impact of historical forces upon the attitudes and actions of different generations.
DR. PREYER First Semester

399 AMERICAN DIPLOMATIC HISTORY (3)
Major themes in the history of American diplomacy since 1898 with emphasis on their applications, modification, and development in relation to America's increased responsibilities as a world power.
MR. DAVIS First Semester

402 RENAISSANCE AND REFORMATION (3)
Study of these two movements against the background of the major political, social, and economic trends in Europe between the 14th and 17th centuries; clarification of basic factors leading to the transition from medieval to modern history.
DR. JACOBS First Semester

403 EUROPE SINCE THE FIRST WORLD WAR (3)
Emphasis on the rise of totalitarianism, the Second World War, and the post-war era.
DR. REICHARD Second Semester

405 MAIN CURRENTS IN SOUTHERN HISTORY (3)
Study of forces which have shaped the Southern mind; emphasis is placed on the changing relations between blacks and whites on the local and national level.
DR. PREYER First Semester

406 The United States in the Twentieth Century (3)
The domestic history of America from 1919 to the present; stress placed on problems of economic regulation, social legislation, national power, and civil rights.
Staff
Alternate years; offered 1970-71

415 The United States From Reconstruction to World War I (3)
Topics in American domestic history from 1865 to 1914; emphasis on problems and adjustments of an age in upheaval: reconstruction, trials of the freedman, industrialization and the revolution in thought, characteristics of reform movements.
Dr. Preyer Second Semester

420 History Seminar (3)
Theories concerning causation, pattern, and meaning in history; conducted on a colloquium basis.
Staff
Alternate years; offered 1970-71

424 Interpretations in American History (3)
Readings in historiography; study of American historians, their interpretations, ideas, and achievements; Parkman and Bancroft through Beard and Turner to Hofstadter and Schlesinger.
Mr. Davis Second Semester
Alternate years; offered 1969-70

442 Research Problems in American History (3)
Course designed to provide training and practice in historical research and writing; required papers on different aspects of a common topic in American history.
Dr. Preyer Second Semester
Offered second semester every year
Topic for second semester 1969-70 is The World of Hezekiah Alexander, 1750-1800: an investigation of selected aspects of American history in the colonial, revolutionary, and early national periods.

444 Research Problems in European History (3)

Designed to provide training and practice in historical research and writing; required papers on different aspects of a common topic in European history.

Dr. Reichard Second Semester

Offered second semester every year
Topic for second semester 1969-70 will be in the field of modern European history.

450 Independent Study in History (3)

Independent investigation of a topic by writing of a thesis or a program of directed readings; oral examination conducted by department members.

Staff Both Semesters

Open to students only by permission of the department

HONORS COURSES

Seminar Queens Seminar for Freshmen (2-2)

Entering freshmen who have been selected as Queens Scholars take a special seminar designed to prepare them for effective independent study during and after college. The emphasis is upon the development of a high level of competence in dealing with ideas. Members of the seminar discuss special readings of interest and examine a report on a number of periodicals. Outside speakers frequently participate in group discussion. There is also emphasis on research and research writing. Queens seminar students will not be required to participate in the writing laboratory of the course in Concepts in Communication.

MATHEMATICS

Professor Fusaro; Professor Hoyle; Associate Professor Jenkins; Assistant Professor Lloyd Dale Davis; Mr. Archer; Mr. Gaudreault.

The department of mathematics presents the discipline as both a pure and an applied science.

The sequence of courses 102, 201, 202 serves as a preparation for further work in mathematics and science. The course 105 is appropriate for general education and is also suitable for students concentrating in the behavioral sciences. The student concentrating in mathematics is prepared to teach at the secondary school level, to go into actuarial or computer work, or to go to graduate school. The department manages computer operations and through participation in the North Carolina Computer Orientation Project has direct access to a third generation computer (the IBM 360, Model 75). There are two 33 ASR's for tape input, and plans are being made to install an IBM 1050 for card input; calculators are also available.

Concentration Mathematics 102, 201, 202, 301, 302, and 15 hours selected from upper level mathematics courses. Students should plan to take at least one course from each of the following major fields of mathematics: Algebra (303, 401); Analysis (415, 416); Applied (405, 406, 409); Geometry/Topology (304, 307). Physics 101 and 102 are strongly recommended.

As a part of the concentration in mathematics, students planning to study for a graduate degree should include in programs Mathematics 307, 401, and 415.

Distributed Requirements All courses except 101 satisfy the distributed requirements, Area IV; 101 is open only to students who have not presented for admission an algebra-trigonometry course.

100 AN INTRODUCTION TO COMPUTERS AND PROGRAMMING (1)
Tape and card input to the IBM 360; writing PL/I programs. The last two weeks will be spent working in conjunction with a faculty member on a specific problem. This course is on a P/NR basis.
STAFF Both Semesters

101 AN INTRODUCTION TO MATHEMATICAL ANALYSIS I (3)
Sets; equations and inequalities; mathematical induction; relations, functions and their graphs; trigonometric functions.
STAFF Both Semesters
This course is for students who plan to major in mathematics or the natural sciences but who do not have the preparation for Mathematics 102. Others will be admitted only by permission of the head of the department.

102 AN INTRODUCTION TO MATHEMATICAL ANALYSIS II (3)
Limits and continuity; the derivative and its applications, including curve-sketching and maximum/minimum problems; the law of the mean.
STAFF Both Semesters
Prerequisite: Mathematics 101 or its equivalent

105 AN INTRODUCTION TO MODERN MATHEMATICS (3)
Statements, connectives, truth-tables and valid arguments; sets and their relation to statements; partitions and counting problems; probability including conditional probability and Bayes' theorem.
STAFF Both Semesters

201, 202 CALCULUS WITH ANALYTICAL GEOMETRY AND LINEAR ALGEBRA I, II (3, 3)
The definite integral; the calculus of circular and hyperbolic functions; formal integration and its applications; locus problems and parabola, ellipse, and hyperbola; vectors and three-dimensional geometry; matrices and linear transformations.
MR. ARCHER, DR. FUSARO First Semester
DR. FUSARO, DR. HOYLE Second Semester
Prerequisite: Mathematics 102 or its equivalent

206 Statistical Methods (3)

Introduction to the concept of statistical inference with emphasis on applications using the normal, t, chi-square, and F distributions. Primarily for persons concentrating in the behavorial or social sciences.

Miss Jenkins Both Semesters

Prerequisite: Mathematics 101, 102, or 105

301, 302 Multivariate Calculus with Differential Equations I, II (3, 3)

Surfaces and curves; vector functions, partial derivatives; multiple integrals; series; tangent fields; series solutions of equations; exact and first order linear equations; homogeneous and nonhomogeneous linear equations with constant coefficients; systems of equations.

Dr. Hoyle 302 First Semester
301 Second Semester

Prerequisite: Mathematics 202

303 Advanced College Algebra (3)

Modern approach to the study of such topics as complex numbers, matrices, determinants, theory of equations, mathematical induction, undetermined coefficients, series, partial fractions, indeterminate equations, and theory of numbers.

Miss Jenkins Second Semester

Prerequisite: Mathematics 102

304 College Geometry (3)

Modern approach to the study of Euclidean and non-Euclidean geometries, including incidence and affine geometries; designed especially for students preparing to teach.

Dr. Fusaro Second Semester

307 Introduction to Topology (3)

Introductory study of point-set topology, including open sets, continuity, topological spaces, homeomorphism, connectedness, and compactness.

Staff

Prerequisite: Mathematics 201
Alternate years; offered 1970-71

401 An Introduction to Modern Algebra (3)

Presentation of the theory of integral domains, fields, groups, rings, vector spaces, matrices, and other selected topics.

Dr. Hoyle First Semester

Prerequisite: Mathematics 202

405 Introduction to Probability and Mathematical Statistics (3)

Introductory study of probability as a mathematical system; random variables and distribution functions; mathematical models; testing hypotheses; estimation of parameters.

Miss Jenkins First Semester

Prerequisite: Mathematics 202
Alternate years; offered 1969-70

406 Statistical Inference (3)

Study of the relation of sample to population with the consideration of statistical problems such as testing of hypotheses, estimation, and experimental design.

Miss Jenkins Second Semester

Prerequisite: Mathematics 202
Alternate years; offered 1969-70

409 Numerical Analysis (3)

Roots of algebraic and transcendental equations; the difference calculus and interpolation; matrix inversion and eigenvalues; initial-value problems for differential equations.

Dr. Fusaro First Semester

Prerequisite: Mathematics 302; may be taken concurrently

415 Introduction to Real Variable Theory (3)

The real numbers; set theory; metric spaces; Euclidean spaces; uniform continuity; series of functions; the Riemann-Stieltjes integral.

Staff Second Semester

Prerequisite: Mathematics 302; may be taken concurrently
Alternate years; offered 1969-70

416 Introduction to Complex Analysis (3)

Algebra and geometry of complex numbers; analytic functions; contour integrals; Taylor and Laurent series; conformal mappings.

Staff

Prerequisite: Mathematics 302; may be taken concurrently
Alternate years; offered 1970-71

425 Mathematics Seminar (3)

Seminar in advanced topics of mathematics.

Dr. Hoyle Second Semester

Open to senior mathematics majors with permission of the instructor
Prerequisite: Mathematics 302
Offered when there is sufficient demand

MUSIC

Professor Stegner; Associate Professor Eagle; Associate Professor May; Associate Professor Morrison; Assistant Professor Hargett; Assistant Professor Lammers (on leave of absence 1969-1970); Assistant Professor Pummill; Assistant Professor Sica; and Mr. Wilson.

The music department puts emphasis upon the individual purpose of each student whether she is pursuing music as a professional career, developing a special ability, studying to become a teacher, or is interested in music as a part of her liberal education. Small classes allow personal attention, and students receive private instruction under teachers who are performing artists. Ensemble work is stressed through participation in the musical organizations of the college. The more advanced students have many opportunities for group and solo performances in the city of Charlotte through local organizations such as the Charlotte Opera Association, the Oratorio Singers, the Charlotte Symphony Orchestra, and church choirs.

Concentrations

Concentration in Music Under Bachelor of Arts Degree: Forty semester hours in music including Music 100, 105, 106, 211, 212, 307, 308, 407; at least two years of ensemble work* (choir, chorus, and/or instrumental ensemble), and at least one semester hour of private training in applied music for four semesters. At least 18 of the 40 hours shall be in courses numbered 300 and above. The following fields can be elected for special emphasis under this degree: general music, applied music, history and literature, sacred music, and theory.

Concentration in Music Under Bachelor of Music Degree: Bachelor of music candidates are required to fulfill the same basic requirements as those required of all liberal arts candidates with the exceptions listed for the music education students. Also required are Music 100, 105, 106, 211, 212, 301,

*Semester hours gained in courses marked with an asterisk may not be counted toward the 40 hours music concentration or the 120 hours for graduation under the A.B. program in music.

302, 307, 308, 407, six to eight semester hours ensemble work (choir, chorus and/or instrumental ensemble), and the following:

1. In Applied Music: Thirty-eight additional hours of music apportioned as follows: 21 to 24 hours in a chosen instrument, half-recital in junior year, Music 400, 413-414, three to six additional hours in music courses, and four additional hours (in four semesters) in other applied music. At the end of the sophomore year a qualifying examination will be given in the major applied area.

2. In Music Education: Music 75, 95, 321-322, 415, 416, and no less than 14 semester hours in a major performance area and four semester hours in a minor performance area. (See music bulletin for musical and technical standards in performance areas.)

3. In Piano Pedagogy: Fifteen to 17 semester hours in piano (including Music 95, Functional Piano Class); Music 313-314, 413-414, 417-418; at least nine additional hours in music; Psychology 201-Education 202, and Psychology 307.

Distributed Requirements Distributed Requirement, Area VI, can be satisfied by Music 100, 105, 315, 316, 317.

100 INTRODUCTION TO MUSIC (3)

Study of the basic materials of music, survey of the important composers, and examination of selected masterpieces with reference to cultural background; technical knowledge of music not necessary for enrollment.

STAFF Both Semesters

105, 106 FUNDAMENTALS OF MUSIC THEORY (3, 3)

Introduction to the fundamentals of music; sight-singing; recognition of pitch; rhythmic and harmonic elements; elementary keyboard harmony; basic principles of part-writing and analysis of the four-part chordal style.

MISS EAGLE 105 First Semester
106 Second Semester

Open to all students

211, 212 THEORY OF MUSIC (3, 3)

Analytical approach to harmonic techniques of composition in the period of common practice (Baroque, Classic, Romantic); writing, analysis, dictation, and sight-singing in the four-part chorale style (first semester) and in chromatic and instrumental styles (second semester).

MISS EAGLE 211 First Semester
212 Second Semester

Three hours class, one laboratory period a week
Prerequisite: Music 105, 106

230 MUSIC METHODS FOR ELEMENTARY TEACHERS (2)

Materials and methods of teaching music in the elementary school with emphasis on techniques of teaching music fundamentals, supervising performing activities, and helping the elementary child to become an intelligent listener.

MR. SICA Both Semesters

Prerequisite: Music 100 and some basic knowledge of the fundamentals of music theory and elementary piano playing demonstrated on examination, or by one semester of private piano study

301 ADVANCED THEORY I (3)

Analytical approach to the techniques of counterpoint and contrapuntal forms with particular emphasis on the pre-Baroque and Baroque eras; written exercises and performance of compositions in the style.

MISS EAGLE First Semester

Prerequisite: Music 211

302 ADVANCED THEORY II (3)

Study of the techniques of composition and form as used by composers in classic, romantic, and contemporary music; analysis and performance in the style.

MISS EAGLE Second Semester

Prerequisite: Music 211

307 Music From the Ancient Greeks Through the Baroque Era (3)

Study of the broad aspects of music in Western civilization from approximately 500 B.C. through the Baroque era; emphasis on representative composers and forms that developed in each succeeding period.

Dr. Stegner First Semester

Prerequisite: Music 100

308 Music in the Classical and Romantic Eras (3)

Study of the newly perfected forms of orchestral, chamber, and keyboard music as found in the works of Haydn, Mozart, and the earlier Beethoven; and of the progression of the romantic element in music of the 19th century and composers involved.

Dr. Stegner Second Semester

Prerequisite: Music 100

This course is also offered in the Queens European Program, Institute of European Studies.

313-314 Elementary Piano Pedagogy and Materials (2-2)

Topics in methods, piano-readiness, musicianship, theory, technique, and interpretation as they pertain to the first four years of piano study; extensive survey and evaluation of pedagogical materials.

Staff 313 First Semester
314 Second Semester

Prerequisite: Music 95 or permission of instructor

315 Music Literature—Congregations and Choir (3)

Study of all forms of church music: hymns, motets, anthems, responses, cantatas and oratorios; valuable to students who may be interested in any phase of church work.

Mr. Morrison First Semester

316 Church Liturgies and Music (3)

Background and review of the liturgies and music of all branches of the Christian church beginning with the Hebrews and continuing with the Greek, Roman, Anglican, Lutheran, and Reformed faiths.

Mr. Morrison Both Semesters

317 THE ORGAN IN CHURCH SERVICE (3)

Instruction in church service playing with emphasis in repertoire, hymn playing, choir accompaniment, modulation, improvisation, and discussion of electronic organs in use today.

MR. MORRISON Second Semester

321-322 METHODS FOR PUBLIC SCHOOL MUSIC TEACHERS (3-3)

Materials, theories, and techniques involved in teaching of all areas of music in the elementary, junior, and senior high school; trips made to observe local school groups; instruments used in the general music program; class instruction in strings, woodwinds, brass, and percussion.

MR. SICA 321 First Semester
322 Second Semester

400 SENIOR RECITAL (1)

The preparation and performance of a full public solo recital in the major instrument.

STAFF Both Semesters

Grading is Pass/No Record for all students enrolled

407 MUSIC LITERATURE OF THE TWENTIETH CENTURY (3)

Study of the development of music during the 20th century beginning with the works of Debussy and Mahler; aspects, means of expression, and present day tendencies examined and discussed through the use of contemporary masterpieces.

MR. WILSON First Semester

Prerequisite: Music 100

408 COMPOSITION (3)

Creative expression in various musical media based on a study of traditional and 20th century forms and techniques of composition; suitable compositions performed in workshop recitals.

MR. SICA Second Semester

Admission by permission of the instructor

413-414 ADVANCED PIANO PEDAGOGY AND LITERATURE (2-2)
For use in teaching the more advanced student; comprehensive survey of the literature of the piano, with discussion of musicianship, technique, theory, and interpretation.
MR. WILSON 413 First Semester
414 Second Semester
Piano pedagogy majors should take Music 417-418 concurrently

415 CHORAL CONDUCTING AND ARRANGING (3)
Basic conducting techniques and choral arranging applied to the specific task of producing music with a choir.
MR. PUMMILL First Semester
Prerequisite: At least one year of choir or chorus experience

416 INSTRUMENTAL CONDUCTING AND ARRANGING (3)
Techniques of score reading and orchestral conducting as developed from a study and understanding of fundamentals of orchestration; laboratory experience in conducting.
MR. SICA Second Semester

417-418 SUPERVISED STUDENT TEACHING IN PIANO (1-1)
Observation of piano teachers and supervised student teaching in piano at the elementary level.
MR. WILSON 417 First Semester
418 Second Semester
Prerequisite: Music 313-314

450 ADVANCED STUDIES IN MUSIC (3)
Students who have displayed unusual interest and scholarship in some specific phase of music and have been approved by the faculty in music may pursue this interest under the guidance of an appointed faculty member.
STAFF Both Semesters

APPLIED MUSIC*

170, 180 APPLIED MUSIC (For No Credit)
One half-hour private lesson in piano, organ, strings, or voice for some specified weeks and group instruction for other weeks. Attendance at lessons and satisfactory work are expected at all times. See fee schedule in section on financial information.

*171, 181 PRIVATE INSTRUCTION IN APPLIED MUSIC (1, 1)

*172, 182 PRIVATE INSTRUCTION IN APPLIED MUSIC (2, 2)

*173, 183 PRIVATE INSTRUCTION IN APPLIED MUSIC (3, 3)

†*371, 381 PRIVATE INSTRUCTION IN APPLIED MUSIC (1, 1)

†*372, 382 PRIVATE INSTRUCTION IN APPLIED MUSIC (2, 2)

†*373, 383 PRIVATE INSTRUCTION IN APPLIED MUSIC (3, 3)

(a) Piano, (b) strings, (c) organ, (d) voice, (e) other: the general aim of private instruction is development of all phases of performance: technique, style, musicianship, interpretation, and repertoire. Assignments to instructors are made by the chairman of the department, and students usually remain with the same instructor throughout the course of study. One hour of credit is given to students for each hour of daily practice during the semester. Students registered for two or three credits per semester receive 60 minutes of individual instruction for some specified weeks, and group instruction for the remaining weeks; students registered for one credit per semester receive 30 minutes of individual instruction for some weeks and group instruction for the others. Only applied music majors under the bachelor of music degree program may register for three hours of credit per semester. See fee schedule in section on financial information.

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*May be repeated for credit. Semester hours gained in courses marked with an asterisk may not be counted toward the 40 hours music concentration or the 120 hours for graduation under the A.B. program in music.

†Admission to upper level standing only by permission of music faculty or jury examination.

MUSIC CLASSES

51, 52 BEGINNERS PIANO CLASS (1, 1*)

Two weekly sessions of one hour each, in which classes are instructed in the beginning phases of piano playing. Elective for students with no previous training; regular practice required.

MRS. HARGETT Both Semesters

53, 54 INTERMEDIATE PIANO CLASS (1, 1*)

One weekly session of one hour, in which classes are instructed in the intermediate phases of piano playing; regular practice required.

MRS. HARGETT Both Semesters

61, 62 BEGINNERS STRING CLASS (1, 1*)

Two weekly sessions of one hour each, in which students are instructed in the beginning phases of violin, viola, and cello playing; regular practice required.

MR. SICA Both Semesters

63, 64 INTERMEDIATE STRING CLASS (1, 1*)

One weekly session of one hour, in which students are instructed in the intermediate phases of violin, viola, and cello playing; regular practice required.

MR. SICA Both Semesters

75 VOICE CLASS (1*)

Two weekly sessions of one hour each, in which students with little or no vocal training are instructed in the basic vocal principles, simple exercises, and songs; regular practice is required.

STAFF Both Semesters

Required of all music education majors; should be taken as early as possible in the program of study. Open to any student. Grading is Pass/No Record for all students enrolled.

81-82 CONCERT CHOIR (1-1*)

Admission by audition only; repertoire includes works from the 15th century through the contemporary period.

MR. PUMMILL — 81 First Semester, 82 Second Semester

83-84 CHORUS (1-1*)

A choral organization for singers of average ability.

MR. PUMMILL — 83 First Semester, 84 Second Semester

85-86 ENSEMBLES: (a) PIANO (b) INSTRUMENTAL (1-1*)

(a) Work, discussion, and performance in the several aspects of the piano ensemble; duets, duo-pianos, vocal and instrumental accompanying.

(b) Work, discussion, and performance in chamber groups: sonatas, trios, quartets, beginning orchestra, or playing in the Charlotte Symphony.

MR. WILSON (a)
MR. SICA (b)
85 (a) (b) First Semester
86 (a) (b) Second Semester

95 FUNCTIONAL PIANO CLASS (1)

Includes procedures and skills for proficiency in reading, harmonization, and transposition at sight; materials for teaching elementary and secondary school music.

STAFF — Both Semesters

Open to any student with sufficient background but designed particularly for students majoring in some aspect of public school music or piano pedagogy. The class will meet for one-hour sessions twice a week. Grading is Pass/No record for all students enrolled.

PHILOSOPHY

Professor Beidler

Students in the department are trained to look upon life critically and sensitively through the process of reflective thinking. Philosophy touches many areas of the liberal arts; hence, its program is conceived broadly to provide links with the various elements of the general education program. Concentration provides a focus on the main ideas that have shaped Western and Oriental culture. Study may lead primarily to graduate work; however, it also provides a background applicable to a number of related practical fields such as literature and religion.

Concentration Philosophy 102, or 203, or 204; 205; 301; 302; 303; 305; and nine hours of other work in philosophy. Six hours of pertinent course work from another department is to be chosen in consultation with the major advisor.

Distributed Requirements Any course except Philosophy 205 will meet distributed requirement, Area III.

102 Readings in Philosophy (3)
Discussion of the writings of the great philosophers including Plato, Aristotle, Descartes, Kant and selected modern and Oriental philosophers with emphasis on critical and sympathetic reading to assist the student to develop a philosophy.
Dr. Jackson First Semester

203 Introduction to Philosophy (3)
Introductory study of the perennial questions of philosophy and the various systems of philosophy which have tried to answer them.
Dr. Beidler First Semester

204 PHILOSOPHY OF RELIGION (3)
Introductory study of some of the major religious beliefs; development of a critical understanding of the nature of religion and such beliefs as God, freedom, evil, and the nature of man.
DR. BEIDLER Second Semester

205 ELEMENTARY LOGIC (3)
Special emphasis on scientific method and inductive method of problem solving; deductive logic is considered as a part of inductive problems; the emphasis is on practical problem solving.
DR. BEIDLER Second Semester

301 HISTORY OF WESTERN PHILOSOPHY: PART I
ANCIENT AND EARLY MEDIEVAL (3)
Historical treatment of problems of philosophy with a focus on great ideas that have shaped the course of Western thought; development of these ideas traced in the writings of great philosophers; ending with late medieval movements towards humanism.
DR. BEIDLER First Semester

302 HISTORY OF WESTERN PHILOSOPHY: PART II
LATE MEDIEVAL AND MODERN (3)
Continuation of Philosophy 301; course begins with Peter Abelard and includes the ideas that have shaped the philosophy of modern Western cultures up to the 19th century.
DR. BEIDLER Second Semester
Prerequisite: 301 or permission of instructor

303 ORIENTAL PHILOSOPHY (3)
Survey of Asian cultures and the systems of thought that have made lasting impression on the Orient; study of some of the major ideas that have influenced the development of Oriental religions and philosophy.
DR. BEIDLER First Semester
This course may be taken for credit in religion. See Religion 303.

[304 Religions of the Near East and West. See Religion Department listing.]

305 Ethics (3)

Study of the theories and writers in moral philosophy; practical questions considered in the context of major questions of good, duty, and right; consideration of problems in social ethics.

Staff First Semester

308 Contemporary Philosophy (3)

Problems of philosophy in their modern setting; development of ideas that have shaped modern Western thought traced in the writings of some of the influential modern philosophers.

Staff Second Semester

Prerequisite: Three semester hours chosen from Philosophy 102, 203, or 301

309 Aesthetics (3)

Philosophical study of the nature of art, emphasizing the creative process and the aesthetic experience; discussion of art as a form of knowledge and of relation of beauty to art.

Offered when there is sufficient demand

323 Plato and Aristotle (3)

Study of the major writings of Plato and Aristotle.

Dr. Jackson Second Semester

Prerequisite: Philosophy 102, 203, or 204, or permission of the instructor

Alternate years; offered 1969-70

324 American Philosophy (3)

Study of the main philosophers and philosophies that have shaped American thought.

Staff

Prerequisite: Philosophy 102, or 203, or 204, or permission of the instructor

Alternate years; offered 1970-71

333 STUDIES IN A WORLD RELIGION (3)

Further study of a selected aspect or period of one of the major religions.

333a. Judaism in the Modern Period

333b. Hinduism (topic to be announced)

333c. Buddhism (topic to be announced)

DR. BEIDLER

Prerequisite: Philosophy 303 or Religion 304, whichever is appropriate to the topic
Offered when there is sufficient demand
May be taken more than once if the subject is different.

425 SEMINAR IN PHILOSOPHY (3)

Study of topics of special interest, such as Chinese philosophy, philosophy of science, and Indian philosophy.

STAFF Both Semesters

Prerequisite: Previous work in philosophy or senior standing

450 INDEPENDENT STUDIES IN PHILOSOPHY (3)

Independent investigation of a topic by means of a thesis or a program of directed readings.

STAFF Both Semesters

Admission by permission of the instructor

PHYSICAL EDUCATION

Assistant Professor Magher; Assistant Professor Pharr; Miss Mee; Mrs. Walker.

The program emphasizes individual and dual activities. Through active participation in this program the student should acquire the skills and habits which will enable her to live a healthier and more active life.

Each student is required to complete four credit hours of physical education with a grade of Satisfactory (S). These courses must be taken by the end of the junior year. Recognizing the importance of particular activities in providing skills which will be basic to health and leisure time activities, the department offers a variety of opportunities from which the student may make selections according to her interests. Each student is required either to pass a competency test in swimming or to attend regularly at least one semester of swimming instruction.

The student is encouraged to elect activities in physical education beyond the college requirement.

21 BEGINNING TENNIS (1)

Fundamental skills of tennis; history; rules and strategy of the singles and doubles game; course for the beginner.

MISS PHARR Three hours each week

22 INTERMEDIATE TENNIS (1)

Emphasis on improving fundamental skills, advanced strokes, and techniques; singles and doubles competition within the class.

MISS PHARR Three hours each week

31 BEGINNING MODERN DANCE (1)

Basic concepts of rhythm and space; concentration on dance techniques, dance studies, and simple composition.

MISS MEE Three hours each week

32 INTERMEDIATE MODERN DANCE TECHNIQUE (1)

Comprehensive study of dance techniques as they are applied to composition.

MISS MEE Three hours each week

33 CHOREOGRAPHY (1)

Compositions presented for analysis and critical appraisal; individually selected problems; emphasis upon form, style, and accompaniment.

MISS MEE Three hours each week

Prerequisite: Physical Education 31 or previous dance experience

34 DANCE PRODUCTION (½)

Experience in the production of a dance program.

MISS MEE Two hours each week

Prerequisite: Physical Education 31 or previous dance experience

35 FOLK, SQUARE, SOCIAL (1)

Folk, square, and social dances for students who will work in elementary education, recreation, and other related fields.

MISS MEE Three hours each week

36 TAP AND JAZZ (1)

Analysis of basic tap and jazz skills; basic concepts of rhythm and space.

MISS MEE Three hours each week

37 MOVEMENT FUNDAMENTALS (1)

Principles of body movement and their application to everyday living; activities for improving body alignment, coordination, relaxation, fitness, and rhythmic skills.

MISS MEE Three hours each week

41 ARCHERY AND FIRST AID (1)

Terminology, care, and selection of equipment; form in target shooting, practice at ranges from 15 to 50 yards.

Red Cross First Aid Certificate. Principles, practices, and procedures of accident prevention and safety; skills for care of the injured.

MRS. MAGHER Three hours each week

51 BEGINNING AND ADVANCED BEGINNING SWIMMING (1)

For the non-swimmer and beginner; basic safety skills, front crawl and elementary back stroke; opportunity to earn Red Cross certificates.

MRS. MAGHER, MRS. WALKER Three hours each week

53 INTERMEDIATE SWIMMING (1)

Elementary back, front crawl, breast, side, and back crawl strokes, safety skills; opportunity for Red Cross Certificate.

MRS. MAGHER, MRS. WALKER Three hours each week

54 COMPETITIVE SWIMMING (1)

Racing strokes and competitive synchronized swimming, NCAA and AAU Rules.

MRS. WALKER Special schedule

55 SYNCHRONIZED SWIMMING (1)

Strokes, stunts, and skills: beginning through advanced level; creative experience in solo, duet, and team routines.

MRS. MAGHER Three hours each week

Prerequisite: Intermediate Swimming or higher level

56 DOLPHIN CLUB (½)

Membership by tryouts; performing group produces an annual water show.

MRS. MAGHER Two hours each week

57 SENIOR LIFE SAVING (1)

Provides the student with the knowledge and skills designed to save his own life or the life of another if the emergency arises; Red Cross certificate.

MRS. MAGHER, MRS. WALKER Three hours each week

58 WATER SAFETY COURSE (1)

Increased knowledge, judgment, and teaching skill for training others; Red Cross certificate.

MRS. MAGHER Three hours each week

Prerequisite: Senior Life Saving

59 SMALL CRAFT (1)

Basic boating, canoeing, sailing, water skiing; terminology, safety techniques, problems, common errors and corrections.

MRS. MAGHER, MRS. WALKER Weekend activity

61 BEGINNING GOLF (1)

Fundamentals of golf for the beginner; class plays a minimum of 18 holes on a regulation golf course per semester.

MISS PHARR Three hours each week

Fee: $12

62 INTERMEDIATE GOLF (1)

Intermediate and advanced golf techniques with emphasis on individual instruction; opportunity for playing experience; class plays nine to 18 holes per week.

MISS PHARR Three hours each week
Fee: $12

71 RIDING (1)

Instruction offered at three levels: beginners, intermediate, and advanced; qualified students may hunt by arrangement.

JUNE FISHER, Meadowbrook Stables Three hours each week
Fee: $60

81 BOWLING (1)

Terminology, selection of equipment, instruction in scoring, approach, delivery; tournament play and handicapping.

MRS. MAGHER Three hours each week
Fee: $15, Park Lanes Bowling Lanes

92 DUAL AND TEAM SPORTS (1)

Participation in indoor team and dual sports; fundamental skills in basketball, volleyball, badminton, and deck tennis.

MISS PHARR Second Semester
Three hours each week

93 T'AI-CHI CH'UAN (SELF DEFENSE) (1)

TCC is an ancient Chinese physical culture, the precepts of which rest on physiology and Taoism; central exercise is a rhythmic, legato form; self defense aspects of TCC will be studied.

DR. FUSARO Three hours each week

94 TUMBLING AND FLOOR EXERCISE (1)

Basic tumbling, dance, and locomotor skills, and techniques combined in floor exercise routines; basic gymnastics.

MRS. WALKER Three hours each week

95 SKIING (SNOW) (1)

Taught by professionals at Beech Mountain, N. C., accompanied by Queens physical education instructor, January 3-14. A fee will be charged which will cover equipment, instruction, lodging, four to five hours on slopes each day. Cost of meals not included. Offered only during Christmas holiday. Permission of parents or guardian required.

PHYSICS

Professor Oates.

In this department emphasis is upon the application of fundamental principles of physics to specific situations rather than upon formulae for solving classroom problems. Concentration in physics prepares the student to enter the laboratory, to teach at the secondary school level, or to advance into graduate school.

Concentration Physics 101, 102, or equivalent, 201, 202, 320, 321, 420, 421, and 15 semester hours numbered 300 or above. Mathematics 102 or equivalent, 201, 202, 301, and 302 are required.

Prerequisite Physics 202 and Mathematics 202 or permission of the instructor are the general prerequisites for all courses numbered 300 and above.

Distributed Requirements Physics 100 or 101 will meet the requirement, Area IV.

100 INTRODUCTION TO ASTRONOMY (3)
General survey of astronomy, including the development and a description of modern ideas about the universe; some of the methods and problems of astronomy.
DR. OATES Both Semesters
Two hours lecture, two hours laboratory each week
Course may be taken by seniors

101, 102 GENERAL PHYSICS (4, 4)
Beginning course in physics covering the fundamental principles of mechanics, heat, sound, light, electricity and magnetism, and atomic physics.
DR. OATES 101 First Semester
102 Second Semester
Three hours lecture, three hours laboratory each week
Prerequisite: Elementary algebra and plane geometry; Physics 101 for Physics 102
Course may be taken by seniors

201, 202 MODERN PHYSICS (3, 3)

Study of some recent developments in physics, including atomic and nuclear structure, the quantum theory, solid state physics, and relativity; emphasis on mathematical techniques.

DR. OATES 201 First Semester
202 Second Semester

Prerequisite: Physics 102 or equivalent; Mathematics 201, 202 prerequisite or taken concurrently

301 OPTICS (3)

Treatment of the optical properties of electromagnetic radiation, with particular attention to the properties of visible light.

Prerequisite: Physics 202 or permission of the instructor
Not offered 1969-70

305 MECHANICS (3)

Introduction by means of the calculus and vectors to the formulation and use of the principles of classical mechanics.

Prerequisite: Physics 202 or permission of the instructor
Not offered 1969-70

310, 311 ELECTRICITY AND MAGNETISM (3, 3)

Static electric and magnetic potentials and fields; conductors; dielectric and magnetic media; solutions of Laplace's and Poisson's equations; varying fields; Maxwell's equations.

Prerequisite: Physics 202; Mathematics 301 prerequisite or taken concurrently
Not offered 1969-70

320, 321 ADVANCED PHYSICS LABORATORY (1, 1)

Measurements in mechanics, electricity, heat, optics, and atomic and nuclear physics, in accordance with needs of the student.

Three hours laboratory each week
Prerequisite: A physics course numbered 300 or above; may be taken concurrently
Not offered 1969-70

401, 402 ATOMIC AND NUCLEAR PHYSICS (3, 3)

Survey of topics in atomic and nuclear physics, including atomic phenomena, radioactivity, elementary particles, and nuclear interactions.

Prerequisite: Physics 310, 311; may be taken concurrently
Not offered 1969-70

405 HEAT AND THERMODYNAMICS (3)

Generalization of concepts of work, heat, and energy; First and Second Laws of Thermodynamics; derivation of thermodynamic relationships; phase changes.

Prerequisite: Physics 202 and Mathematics 301
Not offered 1969-70

420, 421 ADVANCED PHYSICS LABORATORY (1, 1)

The student will conduct independently experiments relating to the various disciplines of physics.

Open only to seniors concentrating in physics
Three hours laboratory each week
Not offered 1969-70

POLITICAL SCIENCE

Assistant Professor Syfert, Assistant Professor Kyle.

Courses provide an opportunity to examine man's use of power to order his social environment and to investigate aspects of power in human thought, institutions, and behavior. Concentration may lead to careers in government, law, newspaper work, and teaching; the opportunities for graduate study are extensive.

Concentration Political Science 201, 307, 313, and 18 additional semester hours in political science and six semester hours selected from among the following: Economics 422, 423, 425, 426; Mathematics 206; Sociology 204, 308, 313, 318; Psychology 303.

Superior students should consider participation in the Washington Semester Program in which as many as 15 semester credit hours may be earned while the student is at American University in Washington, D. C.

Distributed Requirements Any course in the department will meet the requirement, Area V.

201 American Politics (3)
Political institutions and behavior; introduction to the Presidency, Congress, Supreme Court; political parties and pressure groups as actors in national, state, and local politics.
Mr. Syfert, Miss Kyle Both Semesters

306 Political Ideology (3)
Development and function of ideology in a political system; examination of contemporary fascist, socialist, communist, and democratic ideologies; new ideologies of emerging nations.
Mr. Syfert Second Semester

307 Political Philosophy (3)

Nature of man, ideal and real states in the political theory of Plato, Aristotle, Machiavelli, Hobbes, Locke, J. S. Mill, Marx; contrast between classical and modern traditions.

Staff

Offered 1970-71

308 Political Parties (3)

Function of parties in a political system; comparative party systems; mass and cadre parties, proposals for more "responsible" parties; political attitudes and voting behavior.

Miss Kyle First Semester

313 The Constitution and the Court (3)

Historic interpretations of the American Constitution and major decisions in constitutional law; the Supreme Court and judicial decision-making; emphasis on the Warren court.

Mr. Syfert First Semester

323 Elements of World Politics (3)

Nature of man, nationalism, ideology, colonialism, nuclear weapons, collective security, and international organizations in world politics; emphasis on achieving a stable peace in a changing world.

Miss Kyle First Semester

402 Theories of World Politics (3)

Efforts to develop a theory of world politics; consideration of philosophic and empirical theory in the works of Spengler, Toynbee, Kaplan, Morganthau, others.

Miss Kyle Second Semester

Prerequisite: Political Science 323 or permission of the instructor

406 Developing Political Systems (3)

Development of viable political systems in the emerging nations; problems of ethnicity, integration, ideology, attitude change, and political socialization in the development process; emphasis on Africa.

Mr. Syfert First Semester

408 Totalitarian and Dictatorial Politics (3)

Economic, psychological, and social basis of non-participatory politics; emphasis on political systems of Nazi Germany, Soviet Russia, Communist China, Nkrumah's Ghana.

Mr. Syfert Second Semester

410 Democratic Politics (3)

Economic, psychological, and social basis of participatory politics; emphasis on political systems of England, France, West Germany, Israel, and Japan.

Miss Kyle Second Semester

491 Independent Study (3)

Opportunity for independent investigation of a topic by means of a thesis or a program of directed readings; oral examination by department members.

Offered when there is demand

Open to seniors with permission of the department

PSYCHOLOGY

Professor Joyce H. Shealy; Professor Babb; Professor Harris; Assistant Professor Lanier.

The department emphasizes the development of an understanding of those factors which are important in determining human behavior. Introductory courses give background for relating psychological principles to other areas or for individual study. Upper level courses provide opportunities for further work in areas of special interest. Training is provided in the subject matter of the field and in the techniques of data quantification and analysis which form the basis for graduate work in psychology, the social sciences, and related fields. Concentration may lead to careers in personnel work, business, social work, and similar positions.

Concentration Psychology 201, 203, 206, 313 or 314, 401, 402 and at least 15 additional hours in the department as approved by the major advisor. Mathematics 206 is required for a psychology major. Biology 106, Mathematics 102 or 105, and Philosophy 203 are recommended.

Work in psychology is usually begun in the sophomore year. Freshmen who have had the recommended courses may elect work in the department.

Distributed Requirements Any course in the department will meet the requirement, Area V.

Prerequisite Psychology 201 is prerequisite to all courses in the department with the following exception: Psychology 201-Education 202 may be substituted as the prerequisite for Psychology 307. This exception would apply only to students working for teacher certification.

201 General Psychology (3)

Survey of the field of psychology emphasizing the results of scientific investigations in the area of human behavior.

Dr. Lanier, Dr. Shealy Both Semesters

Three hours lecture and one hour demonstration per week

203 General Psychology Laboratory (1)

Beginning study of techniques and procedures of psychological research.

Dr. Shealy Both Semesters

Three hours laboratory per week
This course and Psychology 201 should be taken concurrently.

206 Psychological Statistics Practicum (1)

Application of statistical methods to psychological data.

Dr. Lanier, Dr. Shealy Both Semesters

Prerequisite: Psychology 201
This course must be taken concurrently with Mathematics 206.

303 Social Psychology (3)

Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perception, and the behavior of the individual in groups.

Dr. Shealy First Semester

Prerequisite: Psychology 201
This course may be taken for credit in sociology.

304 Abnormal Psychology (3)

Study of the deviant individual from both the dynamic and behavioral viewpoints; diagnosis, etiology, treatment, and prevention of maladaptive behavior.

Dr. Harris First Semester

Prerequisite: Psychology 201

307 DEVELOPMENTAL PSYCHOLOGY (3)

Study of the developmental processes from conception through adolescence; emphasis on factors which influence the emotional, social, and intellectual development of the individual.

DR. HARRIS Both Semesters

Prerequisite: Psychology 201 or Education 202

308 THE EXCEPTIONAL CHILD (3)

Study of the psychological problems of children who deviate from normative patterns of growth and development.

DR. HARRIS Second Semester

Prerequisite: Psychology 201 and Psychology 307

311 PSYCHOLOGICAL TESTS (3)

Introductory study of principles of test evaluation and interpretation; consideration of examples of the major types of psychological tests in reference to these principles.

DR. SHEALY Second Semester

Prerequisite: Psychology 201

313 EXPERIMENTAL PSYCHOLOGY:
SENSATION AND PERCEPTION (4)

Application of experimental methods to problems in sensation and perception, and in acquisition of motor skills; consideration of research methodology and experimental design.

DR. LANIER First Semester

Three hours lecture and three hours laboratory per week
Prerequisite: Psychology 201, 203, 206, and Mathematics 206

314 EXPERIMENTAL PSYCHOLOGY: LEARNING (4)

Survey of empirical findings on respondent and operant conditioning; critical examination of historical and contemporary learning theory.

DR. LANIER Second Semester

Three hours lecture and three hours laboratory per week
Prerequisite: Psychology 201, 203, 206, and Mathematics 206

401 ADVANCED GENERAL PSYCHOLOGY (3)

Consideration of the major areas of psychology from classical positions through contemporary viewpoints and research.

DR. SHEALY Second Semester

Prerequisite: Psychology 201

402 THEORY OF PERSONALITY (3)

Survey of selected personality theories, consideration of their adequacy in describing and explaining human behavior patterns, and their relevance to present day culture.

DR. HARRIS First Semester

Prerequisite: Psychology 201

412 PHYSIOLOGICAL PSYCHOLOGY (3)

Introduction to the nervous system and internal environment and their effects upon behavior; normal and abnormal conditions discussed with respect to sensation, learning, emotion, and motivation.

DR. LANIER Second Semester

Prerequisite: Psychology 201

449, 450 INDEPENDENT RESEARCH (1, 3)

Opportunity for independent investigation of topics by means of readings and/or experimentation; first semester devoted to formulating the problem, determining its method of investigation, and compiling a bibliography; second semester, to collecting the data and writing a report.

STAFF Both Semesters

Prerequisite: Psychology 201 and permission of the department; also, Psychology 449 prerequisite to Psychology 450

451 SEMINAR IN PSYCHOLOGY (3)

Seminar dealing with areas of psychology not covered in the regularly scheduled courses.

STAFF

Prerequisite: Psychology 201 and permission of the instructor
Offered when there is sufficient demand

RELIGION

Professor Wright; Associate Professor Jacks; Assistant Professor Jackson.

College study in religion should increase a student's awareness of man's perennially urgent questions in their varied forms. Courses in this department are planned to help the student grasp the meaning of a religious heritage and assess more intelligently the religious choices which individuals and society continually make.

Training and perspective gained in this field can enhance any vocation. The student planning graduate work in religion, or intending to enter a church-related position, may either concentrate in religion or support another major field by electives in this department.

Concentration Religion 203, 204, 205, 206, 303, 304, 445, and at least nine additional hours from religion courses numbered 300 and above, as approved by the major advisor.

Distributed Requirements The distributed requirement in religion, Area III, is fulfilled by any course at the 100 or 200 level.

103 Basic Readings in Religion (3)

To develop awareness of the nature of religion, of some basic religious issues, and of methods for studying religion, through the reading of selected works.

Dr. Jacks First Semester

203, 204 Introduction to the Study of Religion (3, 3)

Orientation to methods of Bible study; work with major parts of the Bible and its world (the Old Testament, first semester; the New Testament, second semester). Selected materials from most other areas of religious studies: contemporary theology, Christian history, world religions, ethics, religious art or drama.

Dr. Jackson, Dr. Wright 203 First Semester
204 Second Semester

Prerequisite: Religion 203 for 204

205 THE OLD TESTAMENT (3)

Introduction to the nature of the biblical writings and to methods of Bible study. The history, literature, and faith of the people of Israel as seen in the Old Testament.

DR. JACKS First Semester

206 THE NEW TESTAMENT (3)

The history, literature, and faith of the early Christian community as seen in the New Testament.

DR. JACKS Second Semester

Students intending to take six hours in Bible should enroll in 205 prior to 206.

[303 ORIENTAL PHILOSOPHY. See Philosophy listing.]

304 RELIGIONS OF THE NEAR EAST AND WEST (3)

Interpretive study, both historical and contemporary, of Judaism, Islam, communism, and Western humanisms; examination of the situation and response of Christian faith in the midst of religious pluralism.

DR. WRIGHT Second Semester

May be taken for credit in philosophy; combined with Philosophy 303 this course provides a year's study of world religions.

306 PROPHETIC RELIGION (3)

Prophetic movement in Israel; intensive work with selected major prophets in historical and literary context.

DR. JACKS First Semester

Alternate years; offered fall 1969

309 THE WRITINGS OF PAUL (3)

Paul's life and teachings in the context of first century Judaism and Hellenism.

Alternate years; offered 1970-71

311 JESUS IN THE GOSPELS AND IN PRESENT-DAY THOUGHT (3)

An endeavor to understand and interpret the life and person of Jesus; the records concerning Jesus in the four gospels; Christological material in other New Testament books; introduction to a cross-section of present-day thinking on the significance of Jesus.

DR. WRIGHT First Semester

Prerequisite: A college course including the Synoptic Gospels, or preparatory reading and permission of the instructor

315 CHRISTIANITY AS AN HISTORICAL MOVEMENT (3)

History of Christian life and thought in their interaction with changing cultural contexts, from origins through the 16th century; study of several major Christian figures; the theological question of the meaning of history.

DR. JACKSON Second Semester

Recommended: Some prior work in history and in biblical study
Alternate years; offered spring 1970

320 CONTEMPORARY VIEWS OF MAN (3)

Divergent ways—Christian and other—in which the nature of man is currently interpreted; ethical and religious dimensions of the various views.

DR. WRIGHT Second Semester

323 RELIGION IN CONTEMPORARY AMERICAN SOCIETY (3)

Introduction to recent developments and discussions relating to religious communities, illuminating the religious situation in America; critical study of traditional forms and of newer movements. Study is composite, drawing from sociology of religion, social ethics, history, and theology.

STAFF

First offered: 1970-71

330 STUDIES OF MAJOR CHRISTIAN THINKERS (3)

Historical context, biography, writings, and continuing impact of a significant individual Christian, past or present.

330a: Augustine
DR. JACKSON — Offered first semester, 1969-70

330b: Luther
DR. JACKSON — Offered first semester, 1970-71

330c: Kierkegaard

330d: Tillich

A subtitle will be used to indicate the author each time the course is offered. May be taken more than once with different subtitles.

333 STUDIES IN A WORLD RELIGION (3)

Study of a selected aspect or period of one of the major religions.

Prerequisite: Philosophy 303 or Religion 304, whichever is appropriate to the topic
May be taken more than once if the subject is different
Offered when there is sufficient demand

425 STUDIES IN RELIGION (2 or 3)

Seminar, workshop, and/or directed readings.

STAFF — Both Semesters

Open to advanced students by permission of the head of the department

445 MODERN CHRISTIANITY (3)

Intensive reading and discussion of selected works from contemporary theologians; readings include Schleiermacher, Kierkegaard, Buber, Barth, the Niebuhrs, Bonhoeffer. Brief background survey from 16th to 19th century to trace main trends leading into the present.

DR. WRIGHT — First Semester

SECRETARIAL PRACTICE

Assistant Professor West.

Courses in secretarial training are planned for students who wish to supplement their academic programs with skills in typing and shorthand.

201 TYPING (2)

Training in the touch system of the keyboard; introduction to tabulation, manuscripts, and letter styles; building of typing speed; accurate production of business forms and statistical tables.

MRS. WEST Both Semesters

Scheduled for either one hour per day for seven weeks (offered twice each semester) or for three hours per week throughout the semester. This course is conducted on a Pass/No Record basis for all students enrolled.

211-212 ELEMENTARY SHORTHAND (3-3)

Development of a writing knowledge of Gregg shorthand to a minimum sustained note-taking speed of 80 words per minute on new material with 95 percent accuracy in transcription.

MRS. WEST 211 First Semester
212 Second Semester

311, 312 ADVANCED SHORTHAND AND SECRETARIAL PRACTICE (3, 3)

Building of minimum sustained note-taking speed on new material to 110 words a minute and production of commercially acceptable transcripts; correlation of all phases of secretarial work, office management and procedures, uses of office equipment, and secretarial personality development.

MRS. WEST Both Semesters

Prerequisite: Secretarial Practice 211-212 or equivalent

SOCIOLOGY

Professor Pohlman; Assistant Professor Anderson.

The department of sociology has planned its courses to assist the student to improve her understanding of herself in relation to her associates and to acquire conceptual tools with which to analyze a society and contribute effectively to her own. Concentration in sociology also establishes a basis for graduate study and gives a pre-professional introduction to social work. The educational experience of sociology should prove valuable to the student in her home, her community, and any pursuit in which an understanding of human relations is important.

Concentration Sociology 203, 204, 449, 450, and 21 hours to include at least nine additional hours in sociology and one or more courses in at least two of the following fields; economics (excluding 305), history, political science, and psychology, or in others as approved by the major advisor.

Distributed Requirements The requirement, Area V, may be met by any course in the department except sociology 309, 375, 449, or 450.

Prerequisite For all sociology courses numbered 300 or above, the general prerequisite is Sociology 203 or upper-class standing and permission of the instructor; Mathematics 206 prerequisite for Sociology 450.

203 PRINCIPLES OF SOCIOLOGY (3)
Analytical concepts used by sociologists and the terms of sociological discourse; interaction between the individual and his socio-cultural world; organization and change; the process of socialization.
DR. POHLMAN Both Semesters

204 Social Issues and Problems (3)

Problems and issues relating to political and economic institutions; family life and organization; religious values and behavior; public health and welfare; and personal-social relationships.

Miss Anderson Both Semesters

302 The Family in Society (3)

Dual emphasis on study of the general history of the human family as a social system, and examination of the contemporary family in the United States; preparation for marriage and family life.

Dr. Pohlman Second Semester

303 Social Psychology (3)

Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perception, and the behavior of the individual in groups.

Prerequisite: Psychology 201
This course may be taken for credit in sociology or psychology.

308 Racial and Ethnic Group Relations (3)

Social and cultural aspects of racial and other minority group relations, with special attention to Negro-White relations in the United States.

Miss Anderson Second Semester

309 Introduction to Social Work (3)

Pre-professional survey for social work and for teachers, nurses, and religious workers interested in the philosophy and principles involved; consideration of various agencies and their functions.

Miss Anderson First Semester

313 Social Anthropology (3)

Culture, its nature and variability; culture and personality; enculturation processes; studies of alien peoples, with emphasis on primitive societies; application of conclusions to contemporary cultures.

Miss Anderson First Semester

315 Culture and Personality (3)

Influence of cultural norms on the personality; modal personality types as they vary with the culture; socialization and enculturation; individual deviation from cultural norms; culture's demands on contemporary man.

Dr. Harris Second Semester

316 Women in Society (3)

Social status of women and their roles in the societies in various parts of the world; responsibilities and opportunities of women in contemporary society; requirements for their maximum personal and social fulfillment.

Dr. Pohlman
Alternate years; offered 1970-71

318 Crime and Delinquency (3)

Sociocultural approach to the nature, detection, causes, treatment, and prevention of delinquency and crime.

Miss Anderson First Semester

320 Community Organization (3)

Analysis of communities as units of social organization and of the subsidiary systems of which they are composed; particular emphasis on the modern urban community.

Miss Anderson Second Semester

375 The Muslims and their Culture (3)

Life and times of Muhammad; ideals and traditional practices of Islam; history of the major Muslim societies and their contributions to civilization; trends of contemporary change.

Dr. Pohlman First Semester
This course may be taken for credit in history.
Alternate years; offered 1969-70

425 DIRECTED INDIVIDUAL STUDY (1, 2, or 3)

Independent study of approved problems or projects within the social sciences for which no specific course is offered.

STAFF

Open to senior sociology students; and, with permission of the instructor, to other upper classmen
Offered when demand is sufficient

449 SENIOR SEMINAR (3)

Development and present status of sociological theory; advanced study for seniors concentrating in sociology; emphasis on independent work under the professor's guidance with reports discussed in seminar.

DR. POHLMAN First Semester

450 SENIOR SEMINAR (3)

Advantages and limitations of various types of research design: quantitative-statistical; qualitative-descriptive; case history analysis; exploration methods and those intended to test specific hypotheses; projects in research.

DR. POHLMAN Second Semester
Prerequisite: A course in basic statistics

HONORS PROGRAMS

The Honors Programs are planned for the academically talented student. The purpose is to provide the student with as high a degree of freedom and individual challenge as she is capable of accepting.

Each year all rising sophomores, juniors, and seniors whose cumulative quality point average is 2.000 or higher are designated "Eligible for Honors." A student who is so designated may elect to apply for one of the Honors Programs.

Graduation with Honors Thesis

The student preparing to graduate "With Honors Thesis" must be designated "Eligible for Honors" and have completed a minimum of six semester hours in independent study, colloquium participation, or in-course honors.

As a basis for an honors thesis, a research program planned by the student in the spring of the junior year and approved by a thesis advisor is submitted to the Honors Committee. Upon approval of the research program by the committee, the student is given an oral examination on general knowledge.

In the spring of the senior year, the student is required to defend the thesis before the Honors Committee. The student successfully completing this program is graduated "With Honors Thesis."

Honors Colloquium

Any student designated "Eligible for Honors" may participate in the honors colloquium. The colloquium offers the student the opportunity for free discussion, reading, analysis, and research centered on a chosen topic.

Not offered 1969-70

Independent Study

All students designated "Eligible for Honors" may undertake independent study. To do so the student must submit a proposal for research which has the approval of her research advisor. The proposal must include the topic of the research, a brief statement of the origin and relevance of the topic, a description of methods of approach as currently seen by the student, and a bibliography. The topic and preliminary ma-

terial are to be filed by the research advisor with the chairman of the Honors Committee by the close of the semester preceding the beginning of the project. Independent study is taken for designated credit.

In-Course Honors

In the junior or senior year, students designated "Eligible for Honors" may pursue intensive research in courses designated by each department as acceptable for in-course honors. Successful completion of in-course honors will add one semester hour credit to the number of credits regularly earned in the course.

When taking in-course honors a student may develop a program which permits her to take fewer regular courses so that in time she may pursue further individual research and be graduated with the honors thesis.

Selected Honors Work

A student not working towards graduation "With Honors Thesis" may, when designated "Eligible for Honors," elect any of the other three programs described. The student is assisted in developing her honors program by her advisor or a member of the Honors Committee.

Queens and Dana Scholarship Programs

Students with high qualifications may be chosen as honor scholars each year and designated as Queens or Dana Scholars. These programs are designed to offer both educational enrichment and financial assistance when required. Approximately 20 students in each class at Queens are selected for the programs annually. While intellectual qualifications are the primary consideration, both Queens and Dana Scholars receive financial grants. The amounts vary from token grants of $100 for students having no financial need to an amount equal to the tuition, according to need.

Each Queens and Dana Scholar (with the exception of those receiving token grants) is assigned as a Scholar Assistant to a faculty member for a maximum of five hours a week, in an association that is intended both to assist the faculty member and to offer the student an educationally enriching experience. Students apply annually, whether for initial admission to the program or for renewal of a scholarship award.

It is expected that the Dana Scholar will participate in the Honors Program. Queens Scholars participate in the Queens Seminar for Freshmen.

Special Honors Dean's List

Students maintaining high scholarship averages are named in this list. They must carry *at least* 15 semester hours and achieve not less than three A's and two B's. When the course load is 18 semester hours, the student must achieve not less than four A's and two B's. Students who are doing student teaching and carrying 14 semester hours must have the equivalent of three A's and one B in academic subjects. The dean of the college will review the records of students carrying a number of courses giving less than three semester hours credit.

Marshals

Marshals are selected on the basis of scholastic averages. The chief marshal is the junior with the highest average; and the other six marshals are the next two juniors, sophomores, and freshmen maintaining highest averages in their respective classes. Marshals serve at all formal academic occasions.

Graduation with Honors

The titles of *summa cum laude, magna cum laude,* and *cum laude* are awarded by the administration after consultation with the Honors Committee.

SPECIAL PROGRAMS

Washington Semester

Through a cooperative arrangement with the American University, two Queens students are selected annually to spend one semester in Washington, D. C., for a study of American National Government in Action. The study is carried out through a seminar on Government in Action, an individual research project, and regular courses at the American University. To be eligible for participation the student must have completed Political Science 201 and have a quality point average of 1.600 or above. Application should be made to the chairman of the department of political science.

Pawleys Island Marine Biology Program

The department of biology offers a four-week summer session in marine biology at Pawleys Island, South Carolina. The instructors are full-time members of the college faculty. In addition to the usual laboratory facilities and equipment, the college maintains a 28-foot boat for offshore collecting. Advanced students may undertake independent studies in the marine field.

Other Summer Programs

Queens operates a limited summer program (on a commuting basis only) for students registered in the regular sessions of the college.

Also to meet the need for liberal arts offerings which are meaningful for experienced teachers' personal growth the college has developed a summer program of continuing education. Courses offered are designed for teachers and are open only to college graduates.

Continuing Education

Queens College sponsors a program of continuing education. This activity is the college's response to the recognition that opportunities in higher education should be available to members of the community who are no longer of college age but who wish to continue particular study. The college admits as special students those who are studying in formal course areas either toward a degree or for developing particular interests. There are programs in volunteer activities for com-

munity service, courses for teachers, and courses in cultural enrichment. A special program in insurance extends the services of the college to the business community.

Charlotte Area Educational Consortium

Queens College participates in the Charlotte Area Educational Consortium. Through cooperative efforts the educational resources of the participating colleges and universities within the area are available to member colleges. Faculty and student exchange programs are undertaken, increased library interchange of materials is made possible, and jointly sponsored specialized programs are being developed.

Queens European Program

Queens College offers, during the summer period, a program of study and travel in Europe. This program is developed through arrangements with the Institute of European Studies. Participants must have a C average, prerequisites are in art, music, and history, and enrollment is limited to 30. Students participating attend a series of informal seminars during the second semester of the college year in preparation for the summer study.

At the beginning of the summer, a three to five-week guided tour of selected cities in Europe, with lectures by European professors, provides background for the period of formal study. The formal course work with college credit taken in the Institute of European Studies at the Kimsky Palace, Vienna, Austria, continues for five weeks. The particular courses offered are selected from areas in music, art, foreign languages, history, and philosophy and are announced early in the college year. Students are not permitted to take more than six semester hours credit during the summer program. The cost of the guided tour, transatlantic travel, and study in Vienna is approximately $1900.

Inquiries regarding the program should be addressed to the chairman of the Queens European Program, Dr. George A. Stegner.

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FINANCIAL INFORMATION

GENERAL AND SPECIAL FEES

Fees

While the Board of Trustees reserves the right to adjust the fee schedules at Queens at any time, the following fees have been established for incoming students for 1969-70.

The comprehensive fees for regular full time students registered for 12 or more semester hours cover the two semesters in the academic year.

Resident Students

Comprehensive Fee $2,800.00

Includes tuition, infirmary, and other services, double room dormitory accommodations, and meals in the college dining room except during Thanksgiving recess, Christmas vacation and spring recess when the dining room and dormitories close.

Commuting Students

Comprehensive Fee $1,500.00

Includes tuition, infirmary, and other services.

Student Activities Fee

For resident and commuting students $60.00

Part-Time Student Fees

Students registered part time (seven-eleven semester hours) pay tuition at $50 per semester hour and the $60 annual student activity fee.

Part-time students registered for six semester hours or less do not pay the student activity fee.

Special Fees

For certain services the college charges additional fees.

Non-refundable Application Fee	$15.00
Late Registration Fee	15.00
Post-registration Course Change Fee	3.00
Diploma Fee, including rental of cap, gown and hood	15.00
Transcript Fee	1.00
Placement Dossier Fee	1.00

In lieu of the contingency fee, the college reserves the right to assess students for any unnecessary property damage.

Course Fees Per Semester

Art	
Studio Fees	$10.00-15.00
Education	
Student Teaching (442, 444)	40.00
Physical Education	
Bowling	15.00
Golf	12.00
Horseback Riding	60.00

Applied Music	Full-Time Students	Part-Time Students
Weekly, half hour private music lesson	$37.50	$75.00
Additional weekly, half hour private music lesson	no charge	55.00
Practice studio rental	5.00	15.00
Instrument rental	5.00	15.00
Organ practice	10.00	25.00

A separate fee schedule for the non-college applied music program may be obtained from the department of music.

REGULATIONS REGARDING PAYMENTS

Upon signing the application for admission, the parent or guardian, or the applicant if not a dependent, accepts as binding and contractual all fees and regulations set forth in the catalogue.

Payment for Academic Year

All fees for the academic year are charged at the time of registration at the beginning of the first semester. Payments must be made for the full year or alternate arrangements made with the treasurer to pay the account according to a deferred payment schedule.

Fees for Attending One Semester

Students registering for one semester only are charged fees for that semester.

General Information Concerning Fees

A student is not permitted to attend classes or take final examinations until satisfactory arrangements have been made to meet all financial obligations. Diplomas, certificates, and transcripts are granted only when the students' accounts have been

paid in full. Where a note is proffered, it is accepted with the understanding that the account is not considered settled until the note is paid.

No discount or scholarship award may be applied against the $150 initial payment.

Students who withdraw from the college during the academic year on their own initiative will be charged for the full semester during which they withdraw. Students suspended by the college for other than academic reasons are responsible for paying fees for the full year.

All payments and communications concerning business transactions should be addressed to the treasurer, and checks should be made payable to Queens College.

Deferred Payment Schedule

The college offers the following deferred payment schedule for students registered for 1969-70:

Dates Due	Resident Student	Commuting Student
May 1—New Students, Non-refundable Reservation Deposit	$ 150.00	$ 50.00
May 31—Returning Students, Non-refundable Reservation Deposit	150.00	50.00
August (on entrance)—General Fee	1,000.00	600.00
Student Activity Fee	60.00	60.00
November 10—General Fee	550.00	285.00
January 10—General Fee	550.00	285.00
March 10—General Fee	550.00	280.00

Education Funds, Inc.

Queens participates in the program of Education Funds, Inc., Providence, Rhode Island 02901. This organization specializes in financing education so that parents who wish may meet academic expenses through monthly payments rather than in a few large payments. Education Funds, Inc. pays the student's tuition and other fees for the year and parents repay in eight or twelve monthly installments. This insurance program carries life and disability coverage for qualified parents.

OTHER EXPENSES

Books and Miscellaneous The cost of books and supplies varies with the courses taken, but the average expense is $75.00 a year. Such an amount should be on hand at registration.

Non-College Non-college expenses such as travel, clothing, entertainment, and incidentals vary according to individual student needs. Students entering social and honorary sororities incur additional costs for initiation, dues, and special assessments.

Laundry Laundry is not included in the general fee. The college offers facilities for handling laundry efficiently and economically at the expense of the student. Student linen service is available for anyone wishing service deliveries to the dormitories once a week. Coin operated washing machines, driers, and dry cleaning machines are provided for students to do their own laundry.

Student Property The college exercises every precaution to protect student property but it is not responsible for any loss which may occur.

Health Service The college maintains an infirmary where graduate nurses are on duty and where the college physician holds clinics twice a week. Fees for special visits and consultation outside of the clinic hours, as well as the cost of special medicine, are paid by the students. If the physician recommends hospitalization, all expenses are paid by the student.

FINANCIAL AID

Kinds of Assistance

Financial assistance is available at Queens College to enable students of ability to meet their financial needs. Assistance awards are usually made up of one or more parts: (1) Scholarships: College and Honor; (2) Music Scholarships; (3) Remission of tuition for daughters of ministers who are members of presbyteries in the Synods of North Carolina and South Carolina; and (4) Programs of Federal Assistance: College Work-Study Program, National Defense Student Loans, Educational Opportunity Grants, and Guaranteed Loans handled through participating banks or agencies.

All financial assistance programs are under the supervision of the faculty committee on Student Qualifications. Although funds are not sufficient to assist all students who apply, every effort is made to assist as many as possible. The basic conditions for receiving assistance are: (1) demonstrated ability and seriousness of purpose, (2) intention of the student to graduate from Queens College, and (3) financial need.

Since awards are made on the basis of financial need, any scholarship which is received by a student from sources other than Queens College, after arrangements for the student's account have been made, may be deducted from the amount granted by the college.

Queens College is a member of the College Scholarship Service, which helps member colleges arrive at a more nearly equitable estimate of student need than would be possible otherwise.

Transfer students' applications are considered after action has been taken on applications of entering freshmen and returning upperclassmen.

Married students are not eligible for scholarships but may apply for loans.

If students withdraw during the year, their grants are prorated to expenses incurred, according to the regulations governing withdrawal.

No resident student who holds a scholarship is permitted to have use of an automobile while in college.

SCHOLARSHIPS

Scholarships are of two kinds: College Scholarships which are made possible through endowments and are open to freshmen and upperclassmen; and Honors Scholarships which include Queens Scholarships for freshmen and Dana Scholarships for upperclassmen.

Application for Scholarship—Entering Students

To apply for scholarship assistance the applicant must qualify as a full-time degree candidate at Queens College. To provide evidence of financial need, the entering student submits a Queens College Scholarship Application form to the admissions office and a Parents' Confidential Statement to the College Scholarship Service. These forms should be submitted not later than February 1 of the calendar year of expected entrance. They may be obtained from the admissions office at the college.

Application for Scholarship—Returning Students

The student must submit the Queens Scholarship Application form to the director of student aid and the Parents' Confidential Statement to the College Scholarship Service prior to February 15. These forms may be obtained from the director of student aid at the college.

Amounts of Awards

Awards of from $100 to an amount equal to the tuition are made according to need. In the Queens and Dana scholarship programs, token awards of $100 are made to students selected who do not need financial aid.

College Scholarships

College Scholarships vary in amount depending upon financial need. In all cases when a scholarship is granted the student must undertake the work opportunity provided in the College Work-Study Program. Work assignments are from three to 10 hours a week. Students are assigned to those departments of the college where help is most needed although student preferences are considered.

Students whose demonstrated need exceeds the amount of the scholarship award and work opportunity may apply for a loan. In making annual awards all of the student's credentials are

reviewed. Renewal of a scholarship is not automatic; the recipient must maintain an accumulative 1.000 academic average and remain in good standing at the college. The amount of subsequent awards is based on an analysis of the Parents' Confidential Statement which is submitted with the scholarship application each year.

Honor Scholarships

Queens Scholarships and Dana Scholarships are designed to honor outstanding students. It is the intention of the faculty and administration to recognize the potential of these students and to assign to them special honor and special responsibility commensurate with their ability. The scholars are expected to live up to their talents, and the college obligates itself to do all in its power to help these students explore the full range of their potentialities. Holders of these scholarships normally function as Scholar Assistants. This role and the relationships it entails are among the most important aspects of the program. The scholar renders a service to the college, in the amount of five hours per week. In no case would such service constitute earning the whole grant although one main reason for having the service condition is to give the scholars an opportunity to share in providing for their own education.

Queens Scholarships

Approximately 20 of the most outstanding applicants for first-year admission to the college are chosen for this program and are designated Queens Scholars. They are selected on the basis of very high academic ability and unusual promise as to personality, character, and leadership potential. The program includes a freshman seminar designed to help the student develop her capacity for scholarship.

Each Queens Scholar normally serves five hours a week as Scholar Assistant to a faculty member. The appointment will generally be made in the field of the student's interest. For those scholars given a token award there is no assigned work responsibility.

Dana Scholarships

Dana Scholarships at Queens College are part of a program established at several colleges and financed by the Charles A. Dana Foundation. These scholarships are initially awarded to second year students who have proved their ability during

the freshman year. Appointment as a Dana Scholar carries the recognition of superior achievement at the college level, as indicated by a high cumulative quality point average and faculty evaluation of the student's performance. Personal qualifications and contributions to the life of the college community are also considered. Approximately 20 Dana Scholars from each of the three upper classes are appointed annually by a special committee.

Each Dana Scholar normally serves five hours a week as Scholar Assistant to a faculty member. Service is similar to that of the Queens Scholar but adapted to the increasing maturity and interest of the individual. For Scholars given a token award there is no assigned work responsibility.

If the Dana Scholar maintains at least the minimal standard for participation in the program, it is expected that she will reapply for each subsequent year and will receive preferential consideration when the committee makes its selections. Any qualified student may apply for consideration for appointment as a Dana Scholar.

Music Scholarships

A limited number of Music Scholarships are awarded to students concentrating in music. The scholarships cover all applied music fees, practice room fees, and rentals of college instruments. They are awarded by the college upon recommendation of members of the music department faculty who consider talent and degree of advancement as indicated by a performance of the student in person or recorded on tape. These scholarships may be renewed annually upon application to and recommendation of the department of music. Other scholarships, as described in this catalogue, are also available to recipients of the music scholarships when additional financial aid is necessary. Recipients of these scholarships will be given College Work-Study assignments or other service assignments in the department of music.

Remission of Tuition

A reduction of $350 in tuition is given a student whose father is a minister in a presbytery of the Synods of North Carolina or South Carolina of the Presbyterian Church in the United

States. The recipient must be classified as a full-time student. Requests for tuition remission must accompany applications for admission.

Named Scholarships

The following named scholarships have been established by friends of Queens College in honor of persons, groups, and businesses.

Robert C. and Sadie G. Anderson
Katherine Cramer Angell
Mr. and Mrs. William H. Barnhardt
The Belk Brothers
The Ann Everett Belk
Mary Henry Belk, Memorial
Dr. Andrew Blair, Memorial
Elizabeth Blair, Memorial
Dorothy Brown
Sara Doll Burgess
Samuel C. and Wilhelmina C. Byrd
Mr. and Mrs. Martin L. Cannon
Sallie McAlister Carson
Charlotte-Mecklenburg Alumnae
The Charlotte Observer
The Charlotte Panhellenic Congress
Pattie Morris Cole
Mr. and Mrs. J. H. Cutter
Salene Hutchison Dalton
Dalton-Hutchison, Memorial
Charles A. Dana
Dorsett-Johnson
Eloise Butt Dowd
W. Carey Dowd, Jr.
Dr. and Mrs. R. A. Dunn
The Efird Brothers
Mr. and Mrs. H. H. Everett
The Frazer Foundation
Mr. and Mrs. Peter S. Gilchrist
Mrs. A. D. P. Gilmour
Jane Parks Grey
Jane Rea Grey
Lula Jane Grey
W. M. and Kate Cleveland Hagood
Minnie Olive Harry, Memorial
Betty Hutchison
C. E. Hutchison
Susan Nye Hutchison
Mr. and Mrs. J. B. Ivey
Jerry Jernigan, Memorial
C. W. Johnston
Emma Lilian Keigwin
W. S. Lee, Memorial
The Lethco Memorial
Lily Long (Alumnae)
Joe and Emily Lowe
W. T. McCoy, Memorial
Emma Gold McPheeters
Ettie Aydlett Minor
Kathreen M. Minor
W. T. Minor, Sr.
Charles E. Neisler, Memorial
Gertrude M. Norman
Mr. and Mrs. J. M. Oldham
Mr. and Mrs. David Ovens

Laura Janette Quattlebaum
Eloise Rankin
Abbie Tuttle Robinson
Mr. and Mrs. Frank O. Sherrill
Mr. and Mrs. J. Luther Snyder
Loma Squires
Charles H. and Clara McKay Stone
Mr. and Mrs. R. L. Stowe
W. Z. Stultz
J. D. Swinson
Ufford-Northrop

Named Loan Funds

The following loan funds have been established by friends of the college.

Albert Grady Harris
Lily Long, U. D. C.
Mackorell
Panhellenic
James T. Porter
Signers Chapter of D. A. R.

FEDERAL PROGRAMS

Queens College participates in several programs of federal assistance in financing college education.

Application for Federal Programs

The director of student aid at Queens College will supply application forms for federally sponsored programs except the Guaranteed Loan Program which must be handled by agencies outside the college. Before February 15, forms which are to come to the college must be completed and submitted with any other application for financial assistance.

College Work-Study Program

All recipients of College Scholarships must also be eligible for and accept employment under this program. The College Scholarship award and the total work hours at a specified rate are determined in relation to the financial need of the student.

Educational Opportunity Grants

Direct grants are made to a limited number of undergraduate students with exceptional financial need. Grants range from $200 to $1,000 a year and can be no more than one-half the total assistance made available to the student.

National Defense Student Loans

Eligible undergraduate students who need financial help for educational expenses may borrow as much as $1,000 each academic year with a total of $5,000.

Guaranteed Loans

Through this program, financial assistance is available to students from middle or upper-income families. The student may borrow from a bank or other financial institution as much as $1,000 a year. Terms of the loan and guaranteed interest arrangements may be obtained from participating banks or state agencies in the state where the student resides. The college certifies enrollment and cooperates with the student in obtaining the loan.

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DIRECTORIES

BOARD OF TRUSTEES

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C. P. Street *(Trustees)*, Charlotte, N. C.

The Rev. James G. Stuart *(Synod of N. C.)*, Gastonia, N. C.

Term Expires 1971

The Rev. James E. Fogartie *(Synod of N. C.)*, Charlotte, N. C.

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Term Expires 1972

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Term Expires 1973

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THE REV. FRED V. POAG *(Synod of S. C.)*, Spartanburg, S. C.
E. CRAIG WALL *(Synod of S. C.)*, Conway, S. C.

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GEORGE C. SNYDER, Charlotte, N. C.

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MCALISTER CARSON, Charlotte, N. C.
(Died July 18, 1969)

ADMINISTRATION

	John E. Smylie, A.B., B.D., Th.D.	*President*
Academic Program	Herbert E. Babb, A.B., M.S., Ph.D.	*Dean of the College*
	Thelma Albright, A.B., M.A.,	*Assistant to Dean*
	Rose K. Anderson, A.B., M.L.S.	*Director of the Library*
	Elise McC. Barksdale, A.B.	*Registrar*
	Donna Jones	*Assistant to Registrar*
Student Services	Ann S. Gebhardt, B.F.A., M.A.	*Dean of Students*
	Adele H. Shields, A.B.	*Assistant Dean of Students and Director of Student Aid*
	Terry L. Edmonson, A.B., M.R.E.	*Director of Admissions*
	Jeannine Newman, A.B.	*Admissions Counselor*
	L. Paul Samuelson, A.B., M.Div.	*Admissions Counselor*
	Pamela Spence, A.B.	*Admissions Counselor*
	W. B. Mayer, M.D.	*College Physician*
	Elva Burgess, A.B., M.S., Ph.D.	*Consulting Psychologist*
	Virginia G. Cartlidge, R.N.	*Head Nurse*
	Jean Stewart, R.N.	*Nurses*
	Mary C. Street, R.N.	
Business Management	George S. Kilner, B.S.	*Treasurer and Business Manager*
	Donald D. McNeill	*Assistant Treasurer*

	Dorothy A. Wentz	*Cashier*
	Martin F. Kaelke	*General Superintendent of Maintenance*
	A. Jackson Bost	*Superintendent of Buildings and Grounds*
	Robert Manges	*Saga Food Director*
	Ruth Hardin	*Superintendent of Residence Halls*
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	Mildred L. Miscally, A.B., M.A.	*Director of Publications and Placement*
	Anne S. Caldwell, A.B.	*Director of Alumnae Affairs*
	Jerry L. Bumgarner	*Printer*
Secretaries	Helen M. Barto	*Business Office*
	Peggy A. Edwards	*Development*
	Gertrude G. Gill, B.S.	*Dean of Students' Office*
	Kathleen N. Gurley	*Continuing Education*
	Louise Hackett	*Dean's Office*
	Marion F. Henderson	*Faculty*
	Bette Honeycutt	*President's Office*
	Joan H. Hunoval, A.B.	*Admissions*
	Lutricia Jones.	*Faculty*
	Helen R. Marley	*Business Office*
	Margaret N. Maultsby	*Publications and Placement*
	Jean Robinson, A.B.	*Alumnae*
	Leslie M. Teague, A.B.	*Admissions*
	Mildred Vessell	*Maintenance*
PBX Operator	Veronica M. Noetling	

Post Office THOMAS O. SQUIRES, JR.

Resident Counselors LOUISE L. COUNCIL
ANNE S. GAFFNEY
LORENA A. GOELLER
CARRIE B. GREEN
MARY K. ST. CLAIR, A.B.
MARY C. TINSLEY
BRYTE W. TISON, R.N.

FACULTY

Date following name and title indicates the year of initial appointment to the faculty of Queens College.

Administrators with Faculty Rank

ROSE K. ANDERSON, *Assistant Professor and Director of Library* 1965
A.B., University of Chattanooga; M.L.S., Rutgers University

HERBERT E. BABB, *Professor of Psychology and Dean of the College* 1957
A.B., Emory University; M.S., Ph.D., University of Kentucky

ANN S. GEBHARDT, *Assistant Professor of Art and Dean of Students* 1953
B.F.A., M.A., Ohio State University

MILDRED L. MISCALLY, *Assistant Professor of Journalism and Director of Publications and Placement* 1946
A.B., M.A., University of Georgia

JOHN EDWIN SMYLIE, *President of the College* 1967
A.B., Washington University; B.D., Th.D., Princeton Theological Seminary

Full-Time Faculty

MARYLAND T. ANDERSON, *Assistant Professor of Sociology* 1968
B.S., Florida State University; M.A., Louisiana State University

ROBERT A. ARCHER, *Instructor in Mathematics* 1968
A.B., M.A., University of South Florida

WILLIAM BEIDLER, *Professor of Philosophy* 1959
B.S., University of California; M.A., University of North Carolina at Chapel Hill; Ph.D., Osmania University (India)

CHARLES E. BREWER, JR., *Associate Professor of Economics* 1960
A.B., Princeton University

JANICE C. COFFEY, *Assistant Professor of Biology* 1967
B.S., Appalachian State University; M.S., Ph.D., University of South Carolina

JANE F. CROSTHWAITE, *Instructor in English* 1969
A.B., Wake Forest University; A.M., Duke University

RICHARD AKIN DAVIS, *Assistant Professor of History* 1966
A.B., Washington and Lee University

FRANK DEFELICE, *Associate Professor of Economics* 1969
A.B., Michigan State University; M.B.A., Ph.D., University of North Carolina at Chapel Hill

GORDON D. DUNCAN, *Professor of Chemistry* 1966
B.S., North Carolina State University at Raleigh; Ph.D., Cornell University

NANCY L. EAGLE, *Associate Professor of Music* 1950
B.S., University of North Carolina at Greensboro; M.A., University of North Carolina at Chapel Hill

LLOYD JAMES ELLIOTT, *Professor of Economics* 1968
B.S., St. Mary's University; M.B.A., University of Houston; Ph.D., University of Texas

JACK H. FEHON, *Dana Professor of Biology* 1956
B.S., M.S., University of Florida; Ph.D., Florida State University

BERNARD A. FUSARO, *Dana Professor of Mathematics* 1967
B.A., Swarthmore College; M.A., Columbia University; Ph.D., University of Maryland

JUDITH TOWNSEND GATLIN, *Assistant Professor of English* 1968
A.B., Mary Washington College; M.A., Ph.D., University of Iowa

M. KEATING GRIFFISS, *Assistant Professor of Art* 1967
A.B., Sweet Briar College; M.S., University of Georgia

CHARLES O. HADLEY, *Assistant Professor of English* 1955
A.B., Davidson College; M.A., University of North Carolina at Chapel Hill

MARIE J. HARGETT, *Assistant Professor of Music (Piano)* 1956
B.Mus., Greensboro College; M.Mus., Cincinnati Conservatory of Music

EDWIN REID HARRIS, *Professor of Psychology* 1968
A.B., Yale University; Ph.D., Purdue University

MARY C. HOPPER, *Assistant Professor of Foreign Languages (Spanish)* 1967
A.B., Georgia State College; M.A., University of Missouri

AGNES F. HOSTETTLER, *Assistant Professor of Foreign Languages (German)* 1963
A.B., Lenoir Rhyne College; M.A., Middlebury College

HUGHES B. HOYLE, JR., *Professor of Mathematics* 1945
A.B., M.A., Ph.D., University of North Carolina at Chapel Hill

CLIVE FRANKLIN JACKS, JR., *Associate Professor of Religion* 1969
A.B., Emory University; B.D., Columbia Theological Seminary; Th.D., Union Theological Seminary

BELFORD DARRELL JACKSON, *Assistant Professor of Religion* 1967
A.B., University of Missouri; B.D., Yale Divinity School; M.A., Ph.D., Yale University

ALLAN D. JACOBS, *Assistant Professor of History* 1968
A.B., Wheaton College; B.D., Gordon Theological Seminary; Ph.D., Emory University

ELEANOR LLOYD JENKINS, *Associate Professor of Mathematics* 1941
A.B., Queens College; M.A., University of North Carolina at Chapel Hill

MARJORIE T. KIRBY, *Assistant Professor of Foreign Languages (Spanish)* 1962
A.B., Birmingham-Southern College; M.A., University of North Carolina at Chapel Hill

PATRICIA ANN KYLE, *Assistant Professor of Political Science*
A.B., M.A., Indiana University

*JOSEPH E. LAMMERS, *Assistant Professor of Music (Piano)* 1962
B.Mus., University of Alabama; M.Mus., Florida State University

W. GREG LANIER, *Assistant Professor of Psychology* 1968
A.B., Duke University; M.A., Kent State University; Ph.D., Emory University

CATHERINE SUE Y. LITTLE, *Instructor in English* 1969
A.B., M.A., Emory University

FRANCES E. LOPEZ, *Instructor in Foreign Languages (Spanish)* 1967
B.A., Lake Forest College; M.A., Middlebury College

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*On leave 1969-1970

JOHN D. MCCLANAHAN, *Assistant Professor of Art* 1967
B.F.A., Bethany College; M.F.A., State University of Iowa

MILDRED MORSE MCEWEN, *Professor of Chemistry* 1924
A.B., Queens College; A.B., M.A., Ph.D., University of North Carolina at Chapel Hill

RUTH R. MAGHER, *Assistant Professor of Physical Education* 1947
B.S., University of North Carolina at Greensboro

VIRGINIA LORELLE MARTIN, *Assistant Professor of Biology* 1966
B.S., Wake Forest University; M.S., Ph.D., Emory University

EMORY HOUSTON MASON, JR., *Associate Professor of Education* 1965
A.B., Catawba College; M.A., Appalachian State University; Ph.D., Duke University

THOMAS F. MASON, *Assistant Professor of Art* 1965
B.S., Stephen F. Austin State College; M.F.A., University of Iowa

MALINDA MAXFIELD, *Assistant Professor of English* 1965
B.A., Ph.D., Vanderbilt University

ALBERT R. MAY, *Associate Professor of Music (Voice)* 1960
Boston University College of Music; Juilliard School of Music

YANCEY LEONARD MEDLIN, *Professor of Education* 1962
A.B., M.Ed., Ph.D., University of North Carolina at Chapel Hill

MARY ANN MEE, *Instructor in Physical Education* 1968
A.B., Stephens College

JOHN D. MORRISON, *Associate Professor of Music (Organ)* 1947
B.Mus., M.Mus., Northwestern University; A.A.G.O.

PAUL B. NEWMAN, *Professor of English* 1963
B.S., M.A., Ph.D., University of Chicago; M.F.A., University of Iowa

JIMMIE C. OATES, *Professor of Physics* 1962
B.S., Memphis State University; M.S., Ph.D., Vanderbilt University

PHYLLIS A. PHARR, *Assistant Professor of Physical Education* 1964
B.S., Appalachian State University; M.Ed., University of North Carolina at Chapel Hill

EDWARD W. POHLMAN, *Dana Professor of Sociology* 1960
A.B., Emmanuel Missionary College; M.A., Ph.D., Ohio State University

NORRIS W. PREYER, *Dana Professor of History* 1957
A.B., University of North Carolina at Chapel Hill; M.A., Ph.D., University of Virginia

JOHN DOUGLAS PUMMILL, *Assistant Professor of Music (Voice)* 1968
B.B.A., B.A., Texas Technological College; M.M., North Texas State University

LINDA H. REEDER, *Instructor in English* 1969
A.B., Catawba College; M.A., University of Tennessee

RICHARD W. REICHARD, *Dana Professor of History* 1969
A.B., Lafayette College; M.A., Ph.D., Harvard University

CHARLES DEWEY HILLES REYNOLDS, *Assistant Professor of English* 1968
A.B., Williams College; M.A., University of Chicago

CAROLINE GORDON RICHARDSON, *Assistant Professor of Foreign Languages (French)* 1950
A.B., Winthrop College; M.A., University of South Carolina

MYRNA HARKINS ROSE, *Instructor in French* 1969
A.B., Millikin University; M.A., University of Kentucky

GEORGE A. SHEALY, *Professor of Art* 1960
Indiana University; Chicago Art Institute; Bell School of Art; Oxbow School of Painting

JOYCE HAYES SHEALY, *Professor of Psychology* 1959
A.B., M.A., University of South Carolina; M.A., Ohio State University; Ph.D., University of North Carolina at Chapel Hill

ALEO G. SICA, *Assistant Professor of Music (Violin)* 1969
B.Mus., B.Mus.Ed., College of Wooster; M.Mus.Ed., Virginia Commonwealth University

MARY THOMAS SMITH, *Assistant Professor of Education* 1962
A.B., M.A., East Carolina University

GEORGE A. STEGNER, *Dana Professor of Music (Piano)* 1955
B.S., Miami University (Oxford, Ohio); B.Mus., M.Mus., Cincinnati Conservatory; D.F.A., Chicago Musical College

DAVID VERNON SYFERT, *Assistant Professor of Political Science* 1968
B.A., Cornell College; M.A., Michigan State University

AVERAL T. TRIMBLE, JR., *Professor of Chemistry* 1965
B.S., M.S., Georgia Institute of Technology; Ph.D., University of Wisconsin

CYNTHIA TYSON, *Assistant Professor of English* 1969
M.A., University of Leeds (England)

ELIZABETH T. WALKER, *Instructor in Physical Education* 1968
B.S., Kansas State University; M.Ed., University of North Carolina at Chapel Hill

EDMUND T. WEIANT, Z. *Smith Reynolds Professor of Foreign Languages (Russian)* 1959
A.B., Cornell University; Ph.D., Universitat Basel (Switzerland)

SARAH M. WEST, *Assistant Professor of Secretarial Practice* 1947
B.S., Winthrop College; M.R.E., Woman's Missionary Training School (Louisville)

LAWRENCE ARNOLD WILSON, *Instructor in Music (Piano)* 1968
B.A., Macalester College; M.Mus., Indiana University

WILLIAM WARREN WOMBLE, *Instructor in Foreign Languages (French)* 1968
B.S., Davidson College; M.A., University of North Carolina at Chapel Hill

ELIZABETH G. WRIGHT, *Professor of Religion* 1961
A.B., Wilson College; B.C.S., Rider College; B.D., Yale Divinity School; Ph.D., Yale University

Part-Time Faculty

MARGERY WILLIAMS ADAMS, *Assistant Professor of Art* 1967
A.B., Smith College; M.A., Ph.D., Radcliffe College

JAMES W. CLAY, *Visiting Instructor in Geography* 1967
B.S., M.A., Marshall University; Ph.D., University of North Carolina at Chapel Hill

LLOYD DALE DAVIS, *Visiting Assistant Professor of Mathematics (Computer)* 1969
A.B., Ohio Northern University; M.S., University of Miami

JAMES H. GAUDREAULT, *Visiting Instructor of Mathematics (Computer)* 1969
B.S., Creighton University; M.A., University of California, Los Angeles

Library Staff

Rose K. Anderson, A.B., M.L.S.	*Director of Library*
Mary P. Raines, A.B.	*Head of Cataloging Department*
Nellie W. Maret, B.C.S., M.L.S.	*Assistant Cataloger*
Marjorie O'N. Herrin, A.B., M.S.	*Reference-Circulation Librarian*
Sallie B. Brody	*Library Assistant*
Margaret K. Dudley	*Catalog Assistant*
Katherine I. Jenkins	*Library Assistant*

PROFESSORS EMERITI

ETHEL M. ABERNETHY, *Professor Emeritus of Psychology*
A.B., Duke University; M.A., Ph.D., University of Chicago; D.Sc., Queens College

THELMA ALBRIGHT, *Associate Professor Emeritus of English*
A.B., Greensboro College; M.A., Duke University

ROBERTA T. S. CHALMERS, *Associate Professor Emeritus of English*
A.B., D.Litt., Mount Holyoke College; M.A., Radcliffe College; B.Litt., Oxford University (England); D.Litt., Kenyon College

SARAH IRENE DUNLAP, *Assistant Professor Emeritus of Home Economics*
B.S., M.A., Winthrop College

RENA C. HARRELL, *Librarian Emeritus*
A.B., Queens College; M.A., University of North Carolina at Chapel Hill; A.B. in L.S., Emory University

ELSIE STOKES MOSELEY, *Assistant Professor Emeritus of Music*
National Conservatory of New York

SARAH MCKEE NOOE, *Professor Emeritus of Biology*
B.S., Meredith College; M.A., Columbia University

MARY LEE TAYLOR, *Associate Professor Emeritus of Religion*
A.B., Salem College; M.R.E., The Biblical Seminary, New York

LAURA A. TILLETT, *Professor Emeritus of English*
A.B., Duke University; M.A., Columbia University

ALUMNAE ASSOCIATION OFFICERS

1969-1970 MRS. GAYLE ROGERS, *President*

MRS. T. J. NORMAN, JR., *First Vice-President*

MRS. CARL O. BLAYLOCK, *Second Vice-President*

MRS. JAMES P. ALEXANDER, *Secretary*

MRS. ELLISON F. EDWARDS, *General Fund Chairman*

DEGREES CONFERRED 1969

Honorary Bonnie Ethel Cone, *Doctor of Humanities*

Bachelor of Music

Virginia Karen Griffin
Valeria Anatoly Kaminin
Nancy Diane Knoohuizen
Linda Anne Redford
Betty Rose Wishart

Bachelor of Science

Linda Louise Baxley
Virginia Wilkes Strickhouser
Ann Lorraine Sutton
Toni Marie Veach

Bachelor of Arts

Betsy Frink Adams
Gail Cox Adams
Ursula Alexander
Judith Blair Anderson
Annabel Andrews
Brenda Gaye Ballard
Katherine Buchanan Barker
Sally Morecroft Bates
Harriette Lee Baumgardner
Mary Ann Beck
Susan Billman
Carol McKee Bishop
Marie Maxine Boatwright
Peggy Hall Boone
Sandra Joan Bousman
Edith Paula Brown
Mary Hildreth Brownstein
Susan Webb Buchan
Cheslie Caldwell
Carol Winn Callaway
Harriette Wallace Campbell
Lynnda Gertrude Cannon
cum laude
Anita Lee Chapman
Dale Page Chapman
Karen Suzanne Clayton
Frances Elizabeth Cobb
Ginger Anne Conkle
Jennifer O. Cunningham
Kathleen Anne Curtin
Joanne Sieburg Davis
Leslie Anne Davis
Mary Jane Davis
Patricia Ann Davis
Bettie Peet Dillon
Deborah Dinkel
Billie Eckhardt Dismer
Cynthia Jo Dowdy
Katherine Dyer Dudley
Susan Harvey Eastman
Cassie Mackenzie Edwards
Nancy Grace Egeler
Dorinda Faye Elliott
Melba Patricia Evans
Emily Harris Fearnbach
Catherine Winifred Fehon
Nancy Ellen Flowers
Charles Kubricht Fore
Constance Louise Fraser
Jane Gaston Gage
Linda Lee Garland
Elizabeth Hamner Gay
Katherine Lee Gaye
Caroline Wentzel Gayle
Nancy Lois Giles
Nancy Jane Grady
Julia Barnett Graham
Ann Scott Gray

Tommie Sue Gray
Caroline Hamilton Green
Macy Ruth Harris
Oleta Ann Hilinski
Maureen Wilson Hodgson
Deborah Corlis Holcomb
Anne Irma Huband
Patricia Thurston Huey
Susan Paula Hurlbut
Margaret Griffin James
Mary Adeline Jeffery
Teri Lynn Jimison
Karen Sue Johnson
Joyce Cornelia Jones
Laura de Benton Jones
Merille Cochran Jones
Patricia Jo Jones
Virginia Louise Jones
Salley McGill Keller
Connie Jo Kelsey
Carol Frances Kenton
Jane Christy Kessler
Katharine Averett Kimbrough
Anne Gardner King
Rebecca Hardaway King
Virginia Archer Lamb
Norma Katherine Lang
Frances Lawrence
Sarah Virginia Lentz
Chris Limehouse
Wendy Boyd Loughridge
Mary Lynn McCue
Rebecca Jo McIntosh
Ruth Paxon McLean, Jr.
Virginia Adkins McLeod
Linda Green McMillan
Mary Claire McMillan
Dorothy Hope McMurray
Linda Ann McPhail
Jane Allen Mackey
Mary Catharine Malone
Virginia Clare Manson
Mary Anderson Maroney
Cherry Wannamaker Marshall
Mary Walton Marshall
Nancy Lynn Martin
Mary Maschke
Nancy Page Matthews
Marsha Louise Miller
Charlotte Gregory Moore
Sarah Margaret Moore
Shirley Lane Morgan
Ann Barritt Morris
Sylvia Thomas Nance
Susan Gayle Neeley
cum laude
Sally Nelson
Gail Jaudon Ness
Anne Louise Neveux
Judith Hunter Overstreet
Sarah Elizabeth Parks
Rebecca Fletcher Parrish
Nancy Bailey Pinson
Mary Ann Pittman
Helen Polyzos
Barbara Dawn Poole
Susan Terhune Porter
Deborah Ann Powell
Elizabeth Burruss Proctor
summa cum laude
Hester Patricia Proctor
Edith Craven Propst
Nancy Elizabeth Pushard
Martha McDonald Reeves
Margaret Ritchie Rhea
Patricia Maxwell Rose
Katharine McRae Ross
Lois Ray Ross
Susan Joy Ruschhaupt
Janet Louise Russell

Carolyn Hooper Satterfield
Ellen DaVega Shealy
Mary Brimage Shuford
Beatrice Annette Smith
Susan Soll
Marsha Lee Somers
Susan Kathy Staaf
Theckla Donsbach Sterrett
Sarah Elizabeth Stites
Anna Louise Stout
magna cum laude
Susan Lynn Stowers
Margaret Claire Street
Priscilla Bowers Sullivan
Margaret Cornelia Thomas
Margaret Eunice Thomas
cum laude
Elizabeth Anne Thompson
Margaret Elizabeth Tribble
Suzanne Trippe
Stephanie D. Turnbull
Ruth Maxwell Vagt
Nancy Day Waite
Carolyn Ayres Welborn
Anne Robinette White
cum laude
Mara Lisa White
Carolyn Salley Williams
Kay Temple Williams
cum laude
Linda Kathleen Witt
Ivy Allison Wohlford
Nancy Wellons Wynn
Maria Lyon Wynne
Dale Liddicoat Zachary

HONORS AND AWARDS 1968-69

College Marshals

Sarah Gwendolyn McNeill
Chief Marshal
Sarah Winborne Howell
Dallas Lee Turnage
Sheryl Lynne Leverett
Angie Lee Malone
Mary Melinda Morrison
Virginia Carolyn Wade

Sullivan Awards

Virginia Louise Jones
Charles A. Dana

Who's Who in American Universities and Colleges

Ursula Alexander
Carolyn Williams Brickelmeyer
Marie Maxine Boatwright
Frances Elizabeth Cobb
Ginger Anne Conkle
Leslie Anne Davis
Nancy Ellen Flowers
Nancy Lois Giles
Virginia Louise Jones
Mary Walton Marshall
Marsha Louise Miller
Susan Gayle Neeley
Susan Soll
Margaret Eunice Thomas
Suzanne Trippe
Kay Temple Williams

Elected to Sigma Upsilon

Charlene Jane Carlock
Denise Roberts Cross
Martha Sherwood McGeachy
Linda Ann McPhail
Kathleen Golden Mitchell
Sarah Elizabeth Stites

Elected to Delta Omicron

Emily Alice Albritton
Priscilla Frances Bagby
Teresa Campbell Caton
Susan Adele Garman
Mary Elizabeth Gunter
Marilynn Keller
Winifred Sterling Kephart
Sara Jane Miller
Suzanne Lee Murphy
Mary Marshall Nash
Margaret Victoria Norman
Marilyn Josephine Roberts
Mary Elizabeth Smellie
Sallie Trippe
Elizabeth Ann Vincent
Emily Elizabeth Weeks
Kathryn Hall Wilson

Faculty Award 1968-1969

Miss Nancy L. Eagle, *Associate Professor of Music*

Queens Scholars

Patricia Ward Bower
Susan McPherson Coblentz
Marcia Antoinette Cooke
Virginia Reed Crooke
Mary Eleanor Eaddy
Marie Floyd

Queens Scholars (Continued)

Gayle Marie Gilman
Rebecca Marion Hodges
Sarah Ramsey Holleman
Margaret Ann Love
Kathie Lynne Mauldin
Virginia Lewis McIntyre
Katherine Leigh McKee
Betty Lyle Norwood
Bridget Ann O'Dwyer
Nadia Rasheed
Amanda Elizabeth Templeton

Dana Scholars

SOPHOMORES

Patricia Walden Alford
Elaine Howell Ashe
Annie Katrina Black
Susan Yvonne Byers
Elizabeth Anne Doughty
Evanthia Fragakis
Margaret Anne Gwyn
Gail Donna Lawton
Martha Sherwood McGeachy
Margaret Lee McNeeley
Mary Ford MacNair
Melanie Merriam
Mary Melinda Morrison
Marsha Ethel Moss
Harriet Ann New
Marilyn Josephine Roberts
Jean Catherine Robinette
Danna Lynn Sheetz
Marilou Wier
Deborah Scott Williams
Susan Carol Yandle

JUNIORS

Emily Alice Albritton
Susan Elizabeth Arnold
Teresa Campbell Caton
Elizabeth Meredith Duke
Ruth Lamar Fletcher
Delia Sutherland Gaffney
Harriet Erwin Hart
Elizabeth Elaine Hill
Harriet Elizabeth Hudson
Sheryl Lynne Leverett
Elizabeth Dee McClure
Virginia Joyce McKey
Angie Lee Malone
Juanita Annette Paul
Peyton Ann Potter
Julieann Pristash
Sallie Trippe
Marsha Turner
Sally Marie Walker

SENIORS

Alice Gwendolyn Blair
Charlene Jane Carlock
Carolyn Thomas Culbreth
Susan Adele Garman
Margaret Hackett
Anne Erwin Heeseman
Sarah Winborne Howell
Luna Frances Lambert
Sarah Gwendolyn McNeill
Sara Jane Miller
Sallie Lou Moore
Mary Laura Paddock
Ann McKain Porter
Wendy Ann Pusey
Nancy Neal Rogers
Martha MacLeod Rowan
Carolyn Anne Sakowski
Dallas Lee Turnage
Nancy Howard Withers

SUMMARY OF ENROLLMENT

1968-1969	Senior Class	174
	Junior Class	154
	Sophomore Class	210
	Freshman Class	230
	Non-degree	6
		774
	Department of Adult Education (College Credit)	74
	Total Regular Session	848

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

1968-1969	Alabama	17	Missouri	1
	Arkansas	8	New Jersey	21
	California	2	New York	4
	Connecticut	8	North Carolina	168
	Delaware	5	Ohio	8
	District of Columbia	5	Pennsylvania	25
	Florida	85	South Carolina	125
	Georgia	96	Tennessee	31
	Illinois	2	Texas	4
	Indiana	1	Virginia	88
	Iowa	1	West Virginia	28
	Kansas	1	Canal Zone	1
	Kentucky	11	U. S. Citizen living abroad	1
	Louisiana	5	Canada	1
	Maryland	5	Germany	1
	Massachusetts	4	Paraguay	1
	Michigan	2	Peru	2
	Minnesota	1		
	Mississippi	5	TOTALS	774

COLLEGE CALENDAR FOR 1969-1970

1969

Regular Session	August	25	Monday	Residence halls open to freshmen and transfer students 6:00 p.m. Orientation Program
	August	26	Tuesday	Residence halls open for returning students
	August	27	Wednesday	8:00 a.m.-4:30 p.m. Registration
	August	28	Thursday	8:00 a.m. Classes begin
	October	16	Thursday	Mid-point of first semester
	October	23	Thursday	12:50 p.m. Classes suspended for Fall Recess
	October	27	Monday	8:00 a.m. Classes resume
	November	26	Wednesday	12:50 p.m. Thanksgiving Recess begins
	December	1	Monday	8:00 a.m. Thanksgiving Recess ends
	December	11	Thursday	Last day of scheduled classes
	December	12	Friday	Reading Day
	December	13	Saturday	Final Examinations begin
	December	19	Friday	Final Examinations end

1970

January	12	Monday	8:00 a.m.-4:30 p.m. Registration
January	13	Tuesday	8:00 a.m. Classes begin
March	6	Friday	Mid-point of second semester
March	7	Saturday	8:00 a.m. Spring Recess begins
March	16	Monday	8:00 a.m. Spring Recess ends
March	27	Friday	Classes suspended for Good Friday
May	6	Wednesday	Last day of scheduled classes
May	7	Thursday	Reading Day
May	8	Friday	Final Examinations begin
May	15	Friday	Final Examinations end
May	17	Sunday	Baccalaureate Service Commencement Convocation

TENTATIVE CALENDAR FOR 1970-1971

1970

Regular Session	August	24	Monday	Residence halls open to freshmen and transfer students 6:00 p.m. Orientation Program
	August	25	Tuesday	Residence halls open for returning students
	August	26	Wednesday	8:00 a.m.-4:30 p.m. Registration
	August	27	Thursday	8:00 a.m. Classes begin
	October	20	Tuesday	Mid-point of first semester
	October	22	Thursday	12:50 p.m. Classes suspended for Fall Recess
	October	26	Monday	8:00 a.m. Classes resume
	November	25	Wednesday	12:50 p.m. Thanksgiving Recess begins
	November	30	Monday	8:00 a.m. Thanksgiving Recess ends
	December	11	Friday	Reading Day
	December	12	Saturday	Final Examinations begin
	December	18	Friday	Final Examinations end

1971

January	13	Wednesday	8:00 a.m.-4:30 p.m. Registration
January	14	Thursday	8:00 a.m. Classes begin
March	5	Friday	Mid-point of second semester
March	6	Saturday	8:00 a.m. Spring Recess begins
March	15	Monday	8:00 a.m. Spring Recess ends
April	9	Friday	Classes suspended for Good Friday
May	5	Wednesday	Last day of scheduled classes
May	6	Thursday	Reading Day
May	7	Friday	Final Examinations begin
May	14	Friday	Final Examinations end
May	16	Sunday	Baccalaureate Service Commencement Convocation

1969

AUGUST

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SEPTEMBER

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OCTOBER

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1970

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NOVEMBER

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DECEMBER

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1971

JANUARY

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FEBRUARY

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JULY

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SEPTEMBER

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OCTOBER

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NOVEMBER

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DECEMBER

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